

```

; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
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; PRIOR FILING DATE: 2001-01-30
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; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 8775
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-8775

Query Match          4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1304 GGTCTACTGTGA 1315
Db      5 GGTCTACTGTGA 16

RESULT 540
US-09-866-108-9226
; Sequence 9226, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
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; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
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; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 9226
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-9226

Query Match          4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1203 CAGAGGCGAGCC 1214
Db      6 CAGAGGCGAGCC 17

RESULT 541
US-09-866-108-9227
; Sequence 9227, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
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; PRIOR FILING DATE: 2001-01-30
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 9227
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-9227
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Query Match      4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy      1203 CAGAGGCGCAGCC 1214
Db      5 CAGAGGCGCAGCC 16
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RESULT 542
US-09-866-108-9228
; Sequence 9228, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 9228
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-9228
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Query Match      4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy      1203 CAGAGGCGCAGCC 1214
Db      4 CAGAGGCGCAGCC 15
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RESULT 543
US-09-866-108-9229
; Sequence 9229, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
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; PRIOR FILING DATE: 2001-01-30
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
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; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 9229
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-9229
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Query Match          4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Oy      1203 CAGAGGCGCAGCC 1214
          |||||
Db       3 CAGAGGCGCAGCC 14
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RESULT 544
US-09-866-108-9230
; Sequence 9230, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
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; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 9230
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-9230
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Query Match          4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Oy      1203 CAGAGGCGCAGCC 1214
          |||||
Db       2 CAGAGGCGCAGCC 13
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RESULT 545
US-09-866-108-10730
; Sequence 10730, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 10730
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-10730
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Query Match          4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Oy      1182 CTGAGCTCCAG 1193
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Db       6 CTGAGCTCCAG 17
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RESULT 546
US-09-866-108-10731
; Sequence 10731, Application US/09866108
; Patent No. US20020048800A1
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; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
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; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 10731
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-10731

Query Match          4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
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; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 10732
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-10732

Query Match          4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 10733
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-10733

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Query Match 4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;

Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1182 CTGGGCTCCGAG 1193
|||||
Db 3 CTGGGCTCCGAG 14

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RESULT 549
US-09-866-108-10734
; Sequence 10734, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21

```

```

; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 10734
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-10734

```

Query Match 4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1182 CTGGGCTCCGAG 1193
|||||
Db 2 CTGGGCTCCGAG 13

```

RESULT 550
US-09-866-108-10735
; Sequence 10735, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21

```

```
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 10735
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-10735
```

```
Query Match 4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1182 CTGGGCTCCAG 1193
Db 1 CTGGGCTCCAG 12
```

RESULT 551

```
US-09-825-805-762
; Sequence 762, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Academic, Jasenka Matulic
; APPLICANT: Svedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MBH00-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 762
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-825-805-762
```

```
Query Match 4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1182 CTGGGCTCCAG 1193
Db 5 CTGGGCTCCAG 16
```

RESULT 552

```
US-10-163-552-615
; Sequence 615, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
```

```
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to levels
; TITLE OF INVENTION: HER2
; FILE REFERENCE: MBH01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 615
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-615
```

```
Query Match 4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1182 CTGGGCTCCAG 1193
Db 5 CTGGGCTCCAG 16
```

RESULT 553

```
US-10-339-782-325
; Sequence 325, Application US/10339782
; Publication No. US20030166026A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Goodman, Laurie J
; APPLICANT: Bowen, Benjamin A
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
; FILE REFERENCE: 37-000110US
; CURRENT APPLICATION NUMBER: US/10/339,782
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 495
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 325
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-782-325
```

```
Query Match 4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1220 TCAGAACTCCA 1231
Db 3 TCAGAACTCCA 14
```

RESULT 554

```
US-10-712-672-2703
; Sequence 2703, Application US/10712672
; Publication No. US20040102413A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Chowrira, Bharat
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme
; FILE REFERENCE: MBH00-882-C (400/019)
; CURRENT APPLICATION NUMBER: US/10/712,672
; CURRENT FILING DATE: 2003-11-13
; PRIOR APPLICATION NUMBER: US/09/653,225
; PRIOR FILING DATE: 2000-08-31
; PRIOR APPLICATION NUMBER: 60/197,769
; PRIOR FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/150,713
; PRIOR FILING DATE: 1999-08-31
; NUMBER OF SEQ ID NOS: 5586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2703
```

LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-712-672-2703

Query Match 4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 3.6e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1244 AGTGTCCGGCT 1255
|||:|||||:
Db 6 AGUGGCCGCGCU 17

RESULT 555
US-10-723-361-8774
Sequence 8774, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecmica Sequence Listing Engine
SEQ ID NO 8774
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-8774

Query Match 4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1304 GGTCACTGTGA 1315
|||||
Db 6 GGTCACTGTGA 17

RESULT 556
US-10-723-361-8775
Sequence 8775, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:

APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART ANI
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27

Query Match 4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1304 GGTCACTGTGA 1315
|||||
Db 5 GGTCACTGTGA 16

RESULT 557
US-10-723-361-9226
Sequence 9226, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART ANI
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27

```

; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmca Sequence Listing Engine
; SEQ ID NO 9226
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-9226

Query Match          4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

QY 1203 CAGAGGGCAGCC 1214

Db 6 CAGAGGGCAGCC 17

RESULT 558

US-10-723-361-9227
; Sequence 9227, Application US/10723361
; Publication No. US20040137589A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong
APPLICANT: UT, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecmca Sequence Listing Engine
SEQ ID NO 9227
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens

US-10-723-361-9227

Query Match 4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1203 CAGAGGGCAGCC 1214

Db 5 CAGAGGGCAGCC 16

RESULT 559

US-10-723-361-9228
; Sequence 9228, Application US/10723361
; Publication No. US20040137589A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong
APPLICANT: UT, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART ANT
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecmca Sequence Listing Engine
SEQ ID NO 9228
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-9228

Query Match 4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1203 CAGAGGGCAGCC 1214

Db 4 CAGAGGGCAGCC 15

RESULT 560

US-10-723-361-9229
; Sequence 9229, Application US/10723361
; Publication No. US20040137589A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong
APPLICANT: UT, Yonggang
APPLICANT: PENN, Sharon G.

```
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
FILE REFERENCE: PB0105
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
CURRENT APPLICATION NUMBER: US/10/723,361
PRIOR FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See file wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecmica Sequence Listing Engine
SEQ ID NO 9229
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-9229
```

Query Match

Best Local Similarity 4.8%; Score 12; DB 1; Length 17;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1203 CAGAGGGCAGCC 1214
DB 3 CAGAGGGCAGCC 14

RESULT 561

```
US-10-723-361-9230
Sequence 9230, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
PRIOR FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
```

```
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See file wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecmica Sequence Listing Engine
SEQ ID NO 9230
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-9230
```

Query Match

Best Local Similarity 4.8%; Score 12; DB 1; Length 17;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1203 CAGAGGGCAGCC 1214
DB 2 CAGAGGGCAGCC 13

```
US-10-723-361-10730
Sequence 10730, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:
```

APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark

TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
PRIOR FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See file wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecmica Sequence Listing Engine
SEQ ID NO 10730
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-10730

Query Match

4.8%; Score 12; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 3.6e+02; Indels 0; Gaps 0;
Matches 12; Conservative 0; Mismatches 0;

Qy 1182 CTGGGCTCCAG 1193
|||||

Db 6 CTGGGCTCCAG 17

RESULT 563

US-10-723-361-10731
; Sequence 10731, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmca Sequence Listing Engine
; SEQ ID NO 10731
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens

US-10-723-361-10731

Query Match 4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02; Indels 0; Gaps 0;
Matches 12; Conservative 0; Mismatches 0;

Qy 1182 CTGGGCTCCAG 1193
|||||

Db 5 CTGGGCTCCAG 16

RESULT 564

US-10-723-361-10732
; Sequence 10732, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART ANT
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmca Sequence Listing Engine
; SEQ ID NO 10732
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens

US-10-723-361-10732

Query Match 4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02; Indels 0; Gaps 0;
Matches 12; Conservative 0; Mismatches 0;

Qy 1182 CTGGGCTCCAG 1193
|||||

Db 4 CTGGGCTCCAG 15

RESULT 565

US-10-723-361-10733
; Sequence 10733, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART ANT
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30

US-10-723-361-10733

```

; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 10733
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-10733

Query Match
Best Local Similarity 100.0%; Score 12; DB 1; Length 17;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1182 CTGGGCTCCGAG 1193
Db 3 CTGGGCTCCGAG 14

RESULT 566
US-10-723-361-10734
; Sequence 10734, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 10734
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-10734

Query Match
Best Local Similarity 100.0%; Score 12; DB 1; Length 17;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

QY 1182 CTGGGCTCCGAG 1193
Db 2 CTGGGCTCCGAG 13

RESULT 567
US-10-723-361-10735
; Sequence 10735, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 10735
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-10735

Query Match
Best Local Similarity 100.0%; Score 12; DB 1; Length 17;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1182 CTGGGCTCCGAG 1193
Db 1 CTGGGCTCCGAG 12

RESULT 568
US-09-993-731-82/C
; Sequence 82, Application US/09993731
; Publication No. US20030105040A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B-R EXPRESSION
; FILE REFERENCE: RTS-0302
; CURRENT APPLICATION NUMBER: US/09/993,731
; CURRENT FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 82
; LENGTH: 20
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-993-731-82
```

```
Query Match 4.8%; Score 12; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1359 GCAGCTGAGCT 1370
Db 19 GCAGCTGAGCT 8
```

```
RESULT 569
US-09-504-231A-1009/c
; Sequence 1009, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwigen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: TPI 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1009
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-1009
```

```
Query Match 4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1412 GGGTGTGAGCGGC 1426
Db 15 GGGTGTGAGCGGC 1
```

```
RESULT 570
US-09-504-231A-1127/c
; Sequence 1127, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwigen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: TPI 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
```

```
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1127
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-1127
```

```
Query Match 4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
QY 1216 TCTGTGAGAACTCC 1230
Db 15 TCTGTGAGAACTCC 1
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```
RESULT 571
US-09-504-231A-1252
; Sequence 1252, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwigen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: TPI 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1252
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-1252
```

```
Query Match 4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.8e+02;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1261 AACAGCTGGAAGG 1275
Db 1 AACAGCTGGAAGG 15
```

```
RESULT 572
US-09-813-289-13
; Sequence 13, Application US/09813289
; Patent No. US20020061571A1
; GENERAL INFORMATION:
```



```

; APPLICANT: Mahadevan, M.S.
; APPLICANT: Tiscornia, G
; TITLE OF INVENTION: No. US20020061571A1el isoform of myotonic dystrophy associated pr
; TITLE OF INVENTION: Cheeef
; FILE REFERENCE: 800.027051
; CURRENT APPLICATION NUMBER: US/09/813, 289
; PRIOR FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: US 60/190,590
; PRIOR FILING DATE: 2000-03-20
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-813-289-13

Query Match      4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1254 CTCGACGACGCTG 1268
Db      1 CTCGTCGACGACGCTG 15

RESULT 573
US-09-274-553D-1009/c
; Sequence 1009, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: TPI 247/282
; CURRENT APPLICATION NUMBER: US/09/274, 553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1998-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1009
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-1009

Query Match      4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1412 GGGTGTGAGCGGCG 1426
Db      15 GGGGTGTGAGCGGAC 1

RESULT 574
US-09-274-553D-1127/c
; Sequence 1127, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
```

```

; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: TPI 247/282
; CURRENT APPLICATION NUMBER: US/09/274, 553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1998-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1252
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-1252

Query Match      4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.8e+02;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      1261 AACAGCTGGAAGCG 1275
Db      1 AACAGCUGAAGG 15

RESULT 575
US-09-274-553D-1252
; Sequence 1252, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: TPI 247/282
; CURRENT APPLICATION NUMBER: US/09/274, 553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1998-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1252
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-1252

Query Match      4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.8e+02;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      1261 AACAGCTGGAAGCG 1275
Db      1 AACAGCUGAAGG 15
```


;; CURRENT APPLICATION NUMBER: US/09/740,332
;; CURRENT FILING DATE: 2001-03-26
;; NUMBER OF SEQ ID NOS: 9704
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 4784
;; LENGTH: 15
;; TYPE: RNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; NAME/KEY: misc_feature
;; LOCATION:
;; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-4784

Query Match 4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1265 GCTGGAAGAGGCTGA 1279
DB 15 GCTGGAAGAGGCTGA 1

RESULT 581
US-09-817-879-4784/c
; Sequence 4784, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: M8H800-801-P
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4784
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-4784

Query Match 4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1265 GCTGGAAGAGGCTGA 1279
DB 15 GCTGGAAGAGGCTGA 1

RESULT 582
US-10-056-414-23
; Sequence 23, Application US/10056414
; Publication No. US20030003469A1
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; Draper, Kenneth G.
; McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; DISEASES OR CONDITIONS
; RELATED TO LEVELS OF
; NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles

;; STATE: California
;; COUNTRY: U.S.A.
;; ZIP: 90071-2066
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: Word Perfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/10/056,414
;; FILING DATE: 23-Jan-2002
;; CLASSIFICATION: <Unknown>
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US/08/291,932A
;; FILING DATE: August 15, 1994
;; APPLICATION NUMBER: 08/245,466
;; FILING DATE: May 18, 1994
;; APPLICATION NUMBER: 07/987,132
;; FILING DATE: December 7, 1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Waidburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 208/157
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 23:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-10-056-414-23

Query Match 4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.8e+02;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

OY 1412 GGCGTCTGAGCGGCGC 1426
DB 1 GGCGCTCAGCGGCGC 15

RESULT 583
US-10-056-414-40/c
; Sequence 40, Application US/10056414
; Publication No. US20030003469A1
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; Draper, Kenneth G.
; McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; DISEASES OR CONDITIONS
; RELATED TO LEVELS OF
; NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/056,414
; FILING DATE: 23-Jan-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 40:
US-10-056-414-40

```

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Query Match          4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY      1198 CTGTGCAGAGGGCAG 1212
Db      15 CTGGCGACAGGTCAG 1

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RESULT 584
US-10-056-414-192/C
; Sequence 192, Application US/10056414
; Publication No. US2003003469A1
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; Draper, Kenneth G.
; McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; DISEASES OR CONDITIONS
; RELATED TO LEVELS OF
; NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/056,414
; FILING DATE: 23-Jan-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994

```

```

; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 192:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 192:
US-10-056-414-192

```

```

Query Match          4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY      1198 CTGTGCAGAGGGCAG 1212
Db      15 CTGGCGACAGGTCAG 1

```

```

RESULT 585
US-10-215-432-12/C
; Sequence 12, Application US/10215432
; Publication No. US20030109476A1
; GENERAL INFORMATION:
; APPLICANT: Eric B. Kmiec
; APPLICANT: Hetal Parekh-Olimedo
; TITLE OF INVENTION: Composition and methods for the
; FILE REFERENCE: Napro-10
; CURRENT APPLICATION NUMBER: US/10/215,432
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: (1)...(4)
; OTHER INFORMATION: phosphorothioate linkage
; FEATURE:
; NAME/KEY: misc_difference
; LOCATION: (12)...(15)
; OTHER INFORMATION: phosphorothioate linkage
; FEATURE:
; OTHER INFORMATION: Single-stranded oligonucleotide
US-10-215-432-12

```

```

Query Match          4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY      1260 CAACAGCTGAAGAG 1274
Db      15 CAACAGCTGAAGAG 1

```

```

RESULT 586
US-10-440-850-822
; Sequence 822, Application US/10440850
; Publication No. US20030207837A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

```

```

; APPLICANT: Stinchcomb, Dan
; APPLICANT: Jarvis, Thale
; APPLICANT: Meswigen, Jim
; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Reversal
; FILE REFERENCE: 250/130 (MBH00-900-A)
; CURRENT APPLICATION NUMBER: US/10/440,850
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: US/09/650,012
; PRIOR FILING DATE: 2000-08-28
; PRIOR APPLICATION NUMBER: US 08/585,684
; PRIOR FILING DATE: 1996-01-12
; PRIOR APPLICATION NUMBER: US 60/000,951
; PRIOR FILING DATE: 1995-07-07
; PRIOR APPLICATION NUMBER: US 09/038,073
; PRIOR FILING DATE: 1998-03-11
; NUMBER OF SEQ ID NOS: 2285
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 822
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-440-850-822

Query Match          4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 73.3%; Pred. No. 2.8e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY      1243 CAGTGTCCGCGCTGC 1257
Db      1 CAGTGTCCGCGCGCC 15

RESULT 587
US-10-418-182-198/c
; Sequence 198, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 198
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-198

Query Match          4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1256 GCAGCAGCAGCTGCA 1270
Db      15 GCAGCAGCAGCAGCA 1

RESULT 588
US-10-395-031-4/c
; Sequence 4, Application US/10395031
; Publication No. US20030235845A1
; GENERAL INFORMATION:
; APPLICANT: van Ommen, Garrit-Jan Boudewijn
; APPLICANT: van Deutekom, Judith Christina Theodora
; APPLICANT: den Dunnen, Johannes Theodorus
; TITLE OF INVENTION: INDUCTION OF EXON SKIPPING IN EUKARYOTIC CELLS
```

```

; FILE REFERENCE: 2183-5910US (REN/P54258US10)
; CURRENT APPLICATION NUMBER: US/10/395,031
; CURRENT FILING DATE: 2003-03-21
; PRIOR APPLICATION NUMBER: PCT/NL01/00697
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: EP 002063283.7
; PRIOR FILING DATE: 2000-09-21
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Mouse
US-10-395-031-4

Query Match          4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1265 GCTGAAGAGCGCTGA 1279
Db      15 GCTGAAGAGAGCAGA 1

RESULT 589
US-10-255-120-36/c
; Sequence 36, Application US/10255120
; Publication No. US20040091865A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Helicobacter pylori, strain J99 complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/255,120
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 903
; SOFTWARE: Proprietary
; SEQ ID NO 36
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Helicobacter pylori, strain J99 complete genome.
; FEATURE:
; LOCATION: (63349)...(63363)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 61
US-10-255-120-36

Query Match          4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1303 TGCTCATCTGTGAGC 1317
Db      15 TGCTTAATCTTTGAGC 1

RESULT 590
US-10-255-120-151/c
; Sequence 151, Application US/10255120
; Publication No. US20040091865A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Helicobacter pylori, strain J99 complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/255,120
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 903
; SOFTWARE: Proprietary
; SEQ ID NO 151
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Helicobacter pylori, strain J99 complete genome.
; FEATURE:
; LOCATION: (259538)...(259552)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 233
```

US-10-255-120-151

Query Match 4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1303 TGGTCATCTGTGAGC 1317
|||||
Db 15 TGGTAATCTTTGAGC 1

RESULT 591

US-10-669-841-7381/c
; Sequence 7381, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patricia, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPD
; FILE REFERENCE: 400/042US (MHHB02-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; PRIOR FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7381
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-10-669-841-7381

Query Match 4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1265 GCTGAGAGAGCTCA 1279
|||||
Db 15 GCTGAGAGAGCTCA 1

RESULT 592

US-09-898-570-50
; Sequence 50, Application US/09898570
; Patent No. US20020123612A1
; GENERAL INFORMATION:
; APPLICANT: GERLACH, VALERIE L.
; APPLICANT: ELLERMAN, KAREN
; APPLICANT: MACDOUGALL, JOHN R.
; APPLICANT: SMITHSON, GLENDA
; TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND
; FILE REFERENCE: 15966-776CIP
; CURRENT APPLICATION NUMBER: US/09/898,570
; PRIOR FILING DATE: 2001-07-03
; PRIOR APPLICATION NUMBER: 60/198,293
; PRIOR FILING DATE: 2000-04-19
; PRIOR APPLICATION NUMBER: 60/198,645
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: 60/210,809
; PRIOR FILING DATE: 2000-06-09
; PRIOR APPLICATION NUMBER: 60/199,476
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/200,025
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/224,610
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/200,024
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/199,880
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/218,591
; PRIOR FILING DATE: 2000-07-17
; PRIOR APPLICATION NUMBER: 60/271,814
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 60/215,855
; PRIOR FILING DATE: 2000-07-03
; PRIOR APPLICATION NUMBER: 09/839,446
; PRIOR FILING DATE: 2001-04-19
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 50
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Probe
US-09-898-570-50

Query Match 4.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1199 TGTGAGAGGCGAGC 1213
|||||
Db 1 TGTGCGAGGCGAAC 15

RESULT 593
US-09-778-013-47
; Sequence 47, Application US/09778013
; Publication No. US20030104371A1
; GENERAL INFORMATION:
; APPLICANT: Strom, Terry B.
; APPLICANT: Suthanthiran, Manikkam
; APPLICANT: Vasconcelos, Lauro
; TITLE OF INVENTION: METHOD OF EVALUATING TRANSPLANT REJECTION
; FILE REFERENCE: 01948-061001
; CURRENT APPLICATION NUMBER: US/09/778,013
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US 60/199,327
; PRIOR FILING DATE: 2000-04-24
; PRIOR APPLICATION NUMBER: US 60/240,735

; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: US 60/240,735
; PRIOR FILING DATE: 2000-10-12
; PRIOR APPLICATION NUMBER: US 60/238,718
; PRIOR FILING DATE: 2000-10-06
; PRIOR APPLICATION NUMBER: US 08/937,063
; PRIOR FILING DATE: 1997-09-24
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 47
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Internal sense primer
US-09-778-013-47

Query Match 4.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1345 GAGACTTCCACGG 1359
Db 1 GAGACTTCCACGG 15

RESULT 594
US-09-740-332-9646/c
; Sequence 9646, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9646
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(16)
; OTHER INFORMATION: n is inverted deoxyabasic
US-09-740-332-9646

Query Match 4.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1265 GCTGGAAGAGCTGA 1279
Db 15 GCTGGAAGAGCTGA 1

RESULT 595
US-09-817-879-9646/c
; Sequence 9646, Application US/09817879
; Publication No. US2003017311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9646
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence

; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(16)
; OTHER INFORMATION: n is inverted deoxyabasic
US-09-817-879-9646

Query Match 4.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1265 GCTGGAAGAGCTGA 1279
Db 15 GCTGGAAGAGCTGA 1

RESULT 596
US-09-930-512-110
; Sequence 110, Application US/09930512
; Publication No. US20040010118A1
; GENERAL INFORMATION:
; APPLICANT: Zerhusen, Bryan D
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Spytek, Kimberly
; APPLICANT: Spaderna, Steven
; APPLICANT: Gangolli, Bsha A
; APPLICANT: Rastelli, Luca
; APPLICANT: Burgess, Catherine E
; APPLICANT: Majumder, Kumud
; APPLICANT: Shinkets, Richard
; APPLICANT: Mishra, Vishnu
; APPLICANT: Vernet, Corine
; APPLICANT: Stekerez, Edward S
; APPLICANT: Grosse, William M
; APPLICANT: Alsobrook II, John P
; APPLICANT: Liu, Xiaohong
; APPLICANT: Gerlach, Valerie L
; APPLICANT: Ellerman, Karen
; APPLICANT: Smtinson, Glenda
; APPLICANT: Peyman, John
; APPLICANT: Stone, David
; APPLICANT: MacDougall, John
; TITLE OF INVENTION: No. US20040010118A1 Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-091
; CURRENT APPLICATION NUMBER: US/09/930,512
; CURRENT FILING DATE: 2001-08-15
; PRIOR APPLICATION NUMBER: 60/225,692
; PRIOR FILING DATE: 2000-08-16
; PRIOR APPLICATION NUMBER: 60/225,837
; PRIOR FILING DATE: 2000-08-16
; PRIOR APPLICATION NUMBER: 60/225,693
; PRIOR FILING DATE: 2000-08-16
; PRIOR APPLICATION NUMBER: 60/226,236
; PRIOR FILING DATE: 2000-08-18
; PRIOR APPLICATION NUMBER: 60/226,353
; PRIOR FILING DATE: 2000-08-18
; PRIOR APPLICATION NUMBER: 60/227,085
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/227,395
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: 60/227,492
; PRIOR FILING DATE: 2000-08-24
; PRIOR APPLICATION NUMBER: 60/227,600
; PRIOR FILING DATE: 2000-08-24
; PRIOR APPLICATION NUMBER: 60/275,952
; PRIOR FILING DATE: 2001-03-14
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 110
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Ag192 PCR
OTHER INFORMATION: Primer Sequence
US-09-930-512-110

Query Match 4.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1199 TGTGACAGGGGAC 1213
Db 1 TGTGCCAGGGCAC 15

RESULT 597
US-10-056-414-815/c
Sequence 815, Application US/10056414
Publication No. US2003000468A1
GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.
Draper, Kenneth G.
McSwigen, James

TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
RELATED TO LEVELS OF
NF-KB

NUMBER OF SEQUENCES: 830

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 613 West Fifth Street
Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

Storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/056,414

FILING DATE: 23-Jan-2002

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/291,932A

FILING DATE: August 15, 1994

APPLICATION NUMBER: 08/245,466

FILING DATE: May 18, 1994

APPLICATION NUMBER: 07/987,132

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Walburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 208/157

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 815:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 815:

Query Match 4.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1200 GTGCAGAGGGCAGCC 1214
Db 16 GGCGAGAGGTGACCC 2

RESULT 598
US-10-297-068-403/c
Sequence 403, Application US/10297068
Publication No. US20030228585A1
GENERAL INFORMATION:

APPLICANT: INOKO, Hidetoshi

APPLICANT: KAGIYA, Taeko

APPLICANT: ICHIHARA, Tatsuo

APPLICANT: Matsumura, Yoshiyuki

APPLICANT: MORIYA, Shogo

APPLICANT: NISHIDA, Michio

TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES

FILE REFERENCE: 13140P1174

CURRENT APPLICATION NUMBER: US/10/297,068

CURRENT FILING DATE: 2002-11-27

PRIOR APPLICATION NUMBER: JP 2000-164798

PRIOR FILING DATE: 2000-06-01

NUMBER OF SEQ ID NOS: 1298

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 403

LENGTH: 16

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: primer

US-10-297-068-403

Query Match 4.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1403 GGACAGACCGGGTGC 1417
Db 15 GGACGAGCGGGTGC 1

RESULT 599
US-10-138-674-5669
Sequence 5669, Application US/10138674
Publication No. US2004007565A1
GENERAL INFORMATION:

APPLICANT: Ribozyne Pharmaceuticals, Inc.

APPLICANT: Favco, Pam

APPLICANT: McSwigen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

FILE REFERENCE: MHB00-876-N (400/049)

CURRENT APPLICATION NUMBER: US/10/138,674

CURRENT FILING DATE: 2002-05-03

NUMBER OF SEQ ID NOS: 20822

SOFTWARE: Patentin version 3.0

SEQ ID NO 5669

LENGTH: 16

TYPE: RNA

ORGANISM: Homo sapiens

US-10-138-674-5669

Query Match 4.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 73.3%; Pred. No. 3.4e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1331 CTTCTCAGGAGG 1345
Db 1 CAUUCCAUUGCAGG 15


```
RESULT 600
US-10-138-674-7077
; Sequence 7077, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7077
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-7077

Query Match          4.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 60.0%; Pred. No. 3.4e+02;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY      1376 GAAGCAGCTGCGTTT 1390
Db      2 GAAGCAGAGCCUUU 16

RESULT 601
US-10-138-674-7112/c
; Sequence 7112, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7112
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-7112

Query Match          4.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1228 TCCAGCATGCTGCG 1242
Db      16 TCCAGCATGCTGCG 2

RESULT 602
US-10-287-949A-5669
; Sequence 5669, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
```

```
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5669
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-5669

Query Match          4.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 73.3%; Pred. No. 3.4e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY      1331 CTCTCCAGCAGCAG 1345
Db      1 CAUCCCAAGCAGCAG 15

RESULT 603
US-10-287-949A-7077
; Sequence 7077, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7077
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-7077

Query Match          4.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 60.0%; Pred. No. 3.4e+02;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY      1376 GAAGCAGCTGCGTTT 1390
Db      2 GAAGCAGAGCCUUU 16

RESULT 604
US-10-287-949A-7112/c
; Sequence 7112, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7112
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LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-10-287-949A-7112

Query Match 4.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1228 TCCAGCATGCTGG 1242
DB 16 TCCAGCATGCTGG 2

RESULT 605
US-10-669-841-7397/c
Sequence 7397, Application US/10669841
Publication No. US2004012446A1
GENERAL INFORMATION:
APPLICANT: Sirta Therapeutics, Inc.
APPLICANT: Lawrence, Blact
APPLICANT: Dennis, Macejak
APPLICANT: James, McSwiggen
APPLICANT: David, Morrissey
APPLICANT: Pamela, Pavco
APPLICANT: Patrice, Lee
APPLICANT: Kenneth, Draper
APPLICANT: Elisabeth, Roberts
TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEP
TITLE OF INVENTION: VIRUS REPLICATION
FILE REFERENCE: 400/0420S (MEH02-249-E)
CURRENT APPLICATION NUMBER: US/10/669,841
CURRENT FILING DATE: 2003-09-23
PRIOR APPLICATION NUMBER: PCT/US02/09187
PRIOR FILING DATE: 2002-03-26
PRIOR APPLICATION NUMBER: US 60/296,876
PRIOR FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: US 60/335,059
PRIOR FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: US 60/337,055
PRIOR FILING DATE: 2001-12-05
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 09/817,879
PRIOR FILING DATE: 2001-03-26
PRIOR APPLICATION NUMBER: US 09/740,332
PRIOR FILING DATE: 2000-12-18
PRIOR APPLICATION NUMBER: US 09/611,931
PRIOR FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: US 09/504,331
PRIOR FILING DATE: 2000-02-15
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 16207
SOFTWARE: PatentIn version 3.0
SEQ ID NO 7397
LENGTH: 16
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
FEATURE:
NAME/KEY: misc feature
LOCATION: (16)..(16)
OTHER INFORMATION: n is inverted deoxyabasic
US-10-669-841-7397

Query Match 4.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1265 GCTGGAAGAGCTGA 1279

DB 15 GCTGGAAGAGACTGA 1

RESULT 606
US-10-793-677-27/c
Sequence 27, Application US/10793677
Publication No. US2004021432A1
GENERAL INFORMATION:
APPLICANT: Ajinomoto, Co., Inc.
TITLE OF INVENTION: Inducing agent for converting intestinal cells
TITLE OF INVENTION: to insulin-producing cells and antidiabetic drug
FILE REFERENCE: OP1743
CURRENT APPLICATION NUMBER: US/10/793,677
CURRENT FILING DATE: 2004-03-05
PRIOR APPLICATION NUMBER: JP 2003-61836
PRIOR FILING DATE: 2003-03-07
PRIOR APPLICATION NUMBER: JP 2003-358111
PRIOR FILING DATE: 2003-10-17
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 27
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer for preproinsulin II
US-10-793-677-27

Query Match 4.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1182 CTGGGCTCCGAGAG 1196
DB 16 CGGGCTCCGAGAG 2

RESULT 607
US-10-604-944-63
Sequence 63, Application US/10604944
Publication No. US20040219515A1
GENERAL INFORMATION:
APPLICANT: ROSETTA GENOMICS LTD
TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL HIV REGULATORY GENES
TITLE OF INVENTION: AND USES THEREOF
FILE REFERENCE: 55008
CURRENT APPLICATION NUMBER: US/10/604,944
CURRENT FILING DATE: 2003-08-28
NUMBER OF SEQ ID NOS: 406
SOFTWARE: PatentIn version 3.2
SEQ ID NO 63
LENGTH: 16
TYPE: DNA
ORGANISM: Human immunodeficiency virus 1
US-10-604-944-63

Query Match 4.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1356 AGGCACTGAGGCT 1370
DB 1 AGGTAAGTGAAGTCT 15

RESULT 608
US-09-993-731-53
Sequence 53, Application US/09993731
Publication No. US20030105040A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Brett T. Watt

;; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B-R EXPRESSION
;; FILE REFERENCE: RTS-0302
;; CURRENT APPLICATION NUMBER: US/09/993,731
;; CURRENT FILING DATE: 2001-11-13
;; NUMBER OF SEQ ID NOS: 89
;; SEQ ID NO 53
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Antisense Oligonucleotide
US-09-993-731-53

Query Match 4.5%; Score 11.6; DB 1; Length 20;
Best Local Similarity 77.8%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1229 CCAGCATGCTGCGACT 1246
Db 1 CCAGCACATGCTGAGCT 18

RESULT 609
US-09-504-231A-1130/C
; Sequence 1130, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blact, Lawrence
; APPLICANT: MCSwigen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: IP1 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1130
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-1130

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1337 CAAGCAGAGAGAC 1349
Db 15 CAAGCAGAGAGAC 3

RESULT 610
US-09-274-553D-1130/C
; Sequence 1130, Application US/09274553D
; Patent No. US2002008225A1
; GENERAL INFORMATION:
; APPLICANT: Blact, Lawrence
; APPLICANT: MCSwigen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela

;; APPLICANT: Macejak, Dennis
;; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
;; FILE REFERENCE: HEPATITIS C VIRUS INFECTION
;; FILE REFERENCE: IP1 247/282
;; CURRENT APPLICATION NUMBER: US/09/274,553D
;; CURRENT FILING DATE: 1999-03-23
;; PRIOR APPLICATION NUMBER: 09/257,608
;; PRIOR FILING DATE: 1999-02-24
;; PRIOR APPLICATION NUMBER: 60/100,842
;; PRIOR FILING DATE: 1998-09-18
;; PRIOR APPLICATION NUMBER: 60/083,217
;; PRIOR FILING DATE: 1998-04-27
;; NUMBER OF SEQ ID NOS: 3148
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 1130
;; LENGTH: 15
;; TYPE: RNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-1130

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1337 CAAGCAGAGAGAC 1349
Db 15 CAAGCAGAGAGAC 3

RESULT 611
US-09-860-784-31
; Sequence 31, Application US/09860784
; Patent No. US200201512A1
; GENERAL INFORMATION:
; APPLICANT: PEYMAN, Anuschirwan
; UHLMANN, Eugen
; TITLE OF INVENTION: G CAP-STABILIZED OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 105
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/860,784
; FILING DATE: 21-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/594,452
; FILING DATE: 04-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: SANDERCOCK, Colin G.
; REGISTRATION NUMBER: 31,298
; REFERENCE/DOCKET NUMBER: 18748/264/HOCE
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 672-5300
; TELEFAX: (202) 672-5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 31:
US-09-860-784-31

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1295 GGGTGCATGCTC 1307
DB 1 GGCTGCCATGCTC 13

RESULT 612
US-09-835-371-8
; Sequence 8, Application US/09835371
; Publication No. US20020187473A1
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, Eugen
; APPLICANT: BREIPOHL, Gerhard
; APPLICANT: WILF, David W
; TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES, AND AGENTS AND
; TITLE OF INVENTION: PROCESSES FOR PREPARING THEM
; FILE REFERENCE: 02481.1743 SEQUENCE LISTING
; CURRENT APPLICATION NUMBER: US/09/835,371
; CURRENT FILING DATE: 2001-04-17
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: base sequence
US-09-835-371-8

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1295 GGGTGCATGCTC 1307
DB 1 GGCTGCCATGCTC 13

RESULT 613
US-09-907-111-19
; Sequence 19, Application US/09907111
; Publication No. US20030003461A1
; GENERAL INFORMATION:
; APPLICANT: Pagratzis, Nikos
; APPLICANT: Gold, Larry
; APPLICANT: Shtatland, Timur
; APPLICANT: Javornik, Brenda
; TITLE OF INVENTION: Truncation SELEX Method
; FILE REFERENCE: NEX 79
; CURRENT APPLICATION NUMBER: US/09/907,111
; CURRENT FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: 09/275,850
; PRIOR FILING DATE: 1999-03-24
; NUMBER OF SEQ ID NOS: 351
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 19
; LENGTH: 15
; TYPE: RNA
; ORGANISM: E. coli
US-09-907-111-19

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1257 CAGCAACAGCTGG 1269

DB 3 CAGCAACAGCGG 15

RESULT 614
US-09-835-370-8
; Sequence 8, Application US/09835370
; Publication No. US20030022172A1
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, EUGEN
; APPLICANT: BREIPOHL, GERHARD
; APPLICANT: WILF, DAVID W
; TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND
; TITLE OF INVENTION: PROCESSES FOR PREPARING THEM
; FILE REFERENCE: 02481.1742 SEQUENCE LISTING
; CURRENT APPLICATION NUMBER: US/09/835,370
; CURRENT FILING DATE: 2001-04-17
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: nucleotide
; OTHER INFORMATION: base sequence of PNA derivatives that bind to
US-09-835-370-8

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1295 GGGTGCATGCTC 1307
DB 1 GGCTGCCATGCTC 13

RESULT 615
US-09-880-313A-211
; Sequence 211, Application US/09880313A
; Publication No. US20030044791A1
; GENERAL INFORMATION:
; APPLICANT: Flemington, Erik K
; TITLE OF INVENTION: Adaptors and Methods of Use
; FILE REFERENCE: 9397/1000
; CURRENT APPLICATION NUMBER: US/09/880,313A
; CURRENT FILING DATE: 2001-06-13
; NUMBER OF SEQ ID NOS: 276
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 211
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-09-880-313A-211

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1247 GGTCCGCTGCAG 1259
DB 1 GATCCGCTGCAG 13

RESULT 616
US-09-880-313A-217
; Sequence 217, Application US/09880313A
; Publication No. US20030044791A1
; GENERAL INFORMATION:
; APPLICANT: Flemington, Erik K

TITLE OF INVENTION: Adaptors and Methods of Use
FILE REFERENCE: 9397/1000
CURRENT APPLICATION NUMBER: US/09/880,313A
CURRENT FILING DATE: 2001-06-13
NUMBER OF SEQ ID NOS: 276
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 217
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide
US-09-880-313A-217

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1247 GGTCCGGCTGCAG 1259
DB 1 GATCCGGCTGCAG 13

RESULT 617
US-09-880-313A-223
Sequence 223, Application US/09880313A
Publication No. US20030044791A1
GENERAL INFORMATION:
APPLICANT: Flemington, Erik K
TITLE OF INVENTION: Adaptors and Methods of Use
FILE REFERENCE: 9397/1000
CURRENT APPLICATION NUMBER: US/09/880,313A
CURRENT FILING DATE: 2001-06-13
NUMBER OF SEQ ID NOS: 276
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 223
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide
US-09-880-313A-223

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1247 GGTCCGGCTGCAG 1259
DB 1 GATCCGGCTGCAG 13

RESULT 618
US-09-880-313A-229
Sequence 229, Application US/09880313A
Publication No. US20030044791A1
GENERAL INFORMATION:
APPLICANT: Flemington, Erik K
TITLE OF INVENTION: Adaptors and Methods of Use
FILE REFERENCE: 9397/1000
CURRENT APPLICATION NUMBER: US/09/880,313A
CURRENT FILING DATE: 2001-06-13
NUMBER OF SEQ ID NOS: 276
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 229
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide
US-09-880-313A-229

Query Match 4.5%; Score 11.4; DB 1; Length 15;

Best Local Similarity 92.3%; Pred. No. 3.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1247 GGTCCGGCTGCAG 1259
DB 1 GATCCGGCTGCAG 13

RESULT 619
US-09-880-313A-271
Sequence 271, Application US/09880313A
Publication No. US20030044791A1
GENERAL INFORMATION:
APPLICANT: Flemington, Erik K
TITLE OF INVENTION: Adaptors and Methods of Use
FILE REFERENCE: 9397/1000
CURRENT APPLICATION NUMBER: US/09/880,313A
CURRENT FILING DATE: 2001-06-13
NUMBER OF SEQ ID NOS: 276
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 271
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide
US-09-880-313A-271

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1247 GGTCCGGCTGCAG 1259
DB 1 GATCCGGCTGCAG 13

RESULT 620
US-10-100-679-22
Sequence 22, Application US/10100679
Publication No. US20030054013A1
GENERAL INFORMATION:
APPLICANT: Delcayre, Alain
TITLE OF INVENTION: Compounds for Treatment of Infectious and Immune System Disorders
FILE REFERENCE: 11000.1042c2
CURRENT APPLICATION NUMBER: US/10/100,679
CURRENT FILING DATE: 2002-03-14
PRIOR APPLICATION NUMBER: PCT/NZ00/00121
PRIOR FILING DATE: 2000-07-10
PRIOR APPLICATION NUMBER: 09/450,072
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: 09/351,348
PRIOR FILING DATE: 1999-07-12
NUMBER OF SEQ ID NOS: 114
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 22
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Made in a lab
US-10-100-679-22

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1359 GCAGCTGAGCTT 1371
DB 2 GCAGCTGAGCTT 14

```
RESULT 621
US-10-010-802-11/c
; Sequence 11, Application US/10010802
; Publication No. US20030078228A1
; GENERAL INFORMATION:
; APPLICANT: Genaisance Pharmaceuticals
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Duda, Amy
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Stephens, J. Claiborne
; APPLICANT: Windemuth, Andreas
; TITLE OF INVENTION: Drug Target Isoenes: Polymorphisms in the Interleukin
; FILE REFERENCE: MMH-0002US2 IL4R alpha
; CURRENT APPLICATION NUMBER: US/10/010,802
; CURRENT FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: PCT/US00/19094
; PRIOR FILING DATE: 2000-07-13
; NUMBER OF SEQ ID NOS: 413
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-010-802-11
```

```
Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1360 CAGCTGAGGCTTA 1372
DB 13 CAGCGAGGCTTA 1
```

```
RESULT 622
US-10-241-780-101
; Sequence 101, Application US/10241780
; Publication No. US20030165821A1
; GENERAL INFORMATION:
; APPLICANT: VAN DOORN, Leen-Jan et al.
; TITLE OF INVENTION: Detection and identification of Human Papillomavirus by PCR and
; FILE REFERENCE: 3501-0101P
; CURRENT APPLICATION NUMBER: US/10/241,780
; CURRENT FILING DATE: 2002-09-11
; PRIOR APPLICATION NUMBER: 09/527,030
; PRIOR FILING DATE: 2000-03-16
; NUMBER OF SEQ ID NOS: 497
; SOFTWARE: PatentIn Version 3.0
; SEQ ID NO 101
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Type specific probe derived from the Human Papillomavirus (HPV)
US-10-241-780-101
```

```
Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1232 GCATGCTGCTGCA 1244
DB 1 GCATTGCTGCTGCA 13
```

```
RESULT 623
US-10-607-752-22
; Sequence 22, Application US/10607752
; Publication No. US20040072224A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Delcayre, Alain
; TITLE OF INVENTION: Compounds for Treatment of Infectious and Immune System Disorders
; TITLE OF INVENTION: and Methods for Their Use
; FILE REFERENCE: 11000.1042c3
; CURRENT APPLICATION NUMBER: US/10/607,752
; CURRENT FILING DATE: 2003-06-26
; PRIOR APPLICATION NUMBER: 10/100,679
; PRIOR FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: 09/450,072
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: 09/351,348
; PRIOR FILING DATE: 1999-07-12
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 22
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Made in a lab
US-10-607-752-22
```

```
Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1359 GCAGCTGAGGCTT 1371
DB 2 GCAGCTGAGGCTT 14
```

```
RESULT 624
US-09-880-313A-238/c
; Sequence 238, Application US/09880313A
; Publication No. US20030044791A1
; GENERAL INFORMATION:
; APPLICANT: Flemington, Erik K
; TITLE OF INVENTION: Adaptors and Methods of Use
; FILE REFERENCE: 9397/1000
; CURRENT APPLICATION NUMBER: US/09/880,313A
; CURRENT FILING DATE: 2001-06-13
; NUMBER OF SEQ ID NOS: 276
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 238
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-09-880-313A-238
```

```
Query Match 4.5%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1250 CCGGCTGACAGCA 1262
DB 16 CCGGCTGACAGCA 4
```

```
RESULT 625
US-09-880-313A-267
; Sequence 267, Application US/09880313A
; Publication No. US20030044791A1
; GENERAL INFORMATION:
; APPLICANT: Flemington, Erik K
; TITLE OF INVENTION: Adaptors and Methods of Use
; FILE REFERENCE: 9397/1000
; CURRENT APPLICATION NUMBER: US/09/880,313A
; CURRENT FILING DATE: 2001-06-13
; NUMBER OF SEQ ID NOS: 276
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 267
```

LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide
US-09-880-313A-267

Query Match 4.5%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1247 GGTCCGGCTGCAG 1259
DB 1 GATCCGGCTGCAG 13

RESULT 626
US-10-241-780-166
Sequence 166, Application US/10241780
Publication No. US20030165821A1
GENERAL INFORMATION:
APPLICANT: VAN DOORN, Leen-Jan et al.
TITLE OF INVENTION: Detection and identification of Human Papillomavirus by PCR and
FILE REFERENCE: 3501-0101P
CURRENT APPLICATION NUMBER: US/10/241,780
CURRENT FILING DATE: 2002-09-11
PRIOR APPLICATION NUMBER: 09/527,030
PRIOR FILING DATE: 2000-03-16
NUMBER OF SEQ ID NOS: 497
SOFTWARE: PatentIn version 3.0
SEQ ID NO 166
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Probe derived from the Human Papillomavirus (HPV)
US-10-241-780-166

Query Match 4.5%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1232 GCATGTGCTGCA 1244
DB 2 GCATGTGCTGCA 14

RESULT 627
US-10-317-832-145
Sequence 145, Application US/10317832
Publication No. US20030166337A1
GENERAL INFORMATION:
APPLICANT: Jean-Philippe Girard
APPLICANT: Myriam Rousigne
APPLICANT: Sophie Kossida
APPLICANT: Francois Amaric
APPLICANT: Thomas Clouaire
TITLE OF INVENTION: NOVEL DEATH ASSOCIATED PROTEINS, AND
TITLE OF INVENTION: THAP1 AND PAR4 PATHWAYS IN APOPTOSIS CONTROL
FILE REFERENCE: BIOBANK 009A
CURRENT APPLICATION NUMBER: US/10/317,832
CURRENT FILING DATE: 2002-12-10
PRIOR APPLICATION NUMBER: 60/341,997
PRIOR FILING DATE: 2001-12-18
NUMBER OF SEQ ID NOS: 263
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 145
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: DR-5-related sequence

US-10-317-832-145

Query Match 4.5%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1232 GCATGTGCTGCA 1244
DB 3 GCATGTGCTGCA 15

RESULT 628
US-10-712-672-1580
Sequence 1580, Application US/10712672
Publication No. US20040102413A1
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Chowitra, Bharat
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme
FILE REFERENCE: MEH800-882-C (400/019)
CURRENT APPLICATION NUMBER: US/10/712,672
CURRENT FILING DATE: 2003-11-13
PRIOR APPLICATION NUMBER: US/09/653,225
PRIOR FILING DATE: 2000-08-31
PRIOR APPLICATION NUMBER: 60/197,769
PRIOR FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/150,713
PRIOR FILING DATE: 1999-08-31
NUMBER OF SEQ ID NOS: 5586
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1580
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-10-712-672-1580

Query Match 4.5%; Score 11.4; DB 1; Length 16;
Best Local Similarity 84.6%; Pred. No. 3.9e+02;
Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1375 AGAGCAGCTGCG 1387
DB 1 AGAGCAGCTGCG 13

RESULT 629
US-10-741-601-26228/c
Sequence 26228, Application US/10741601
Publication No. US20040166519A1
GENERAL INFORMATION:
APPLICANT: CARGILL, Michele et al.
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: STENOSIS, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CI0010500
CURRENT APPLICATION NUMBER: US/10/741,601
CURRENT FILING DATE: 2003-12-22
NUMBER OF SEQ ID NOS: 26415
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 26228
LENGTH: 16
TYPE: DNA
ORGANISM: Homo sapiens
US-10-741-601-26228

Query Match 4.5%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1335 TCCAGCAGAG 1347
DB 13 TCCAGCAGAG 1

RESULT 630
US-10-733-878-145
; Sequence 145, Application US/10733878
; Publication No. US2004022408A1
; GENERAL INFORMATION:
; APPLICANT: Jean-Philippe Girard
; APPLICANT: Francois Amatic
; APPLICANT: Myriam Rousigne
; APPLICANT: Thomas Clouaire
; TITLE OF INVENTION: THAP PROTEINS AS NUCLEAR RECEPTORS FOR
; TITLE OF INVENTION: CHEMOKINES AND ROLES IN TRANSCRIPTIONAL REGULATION, CELL
; FILE REFERENCE: BIOBANK.012A
; CURRENT APPLICATION NUMBER: US/10/733, 878
; PRIOR FILING DATE: 2003-12-10
; PRIOR APPLICATION NUMBER: 60/432699
; PRIOR FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: 60/485027
; PRIOR FILING DATE: 2003-07-03
; NUMBER OF SEQ ID NOS: 535
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 145
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DR-5-related sequence
US-10-733-878-145

Query Match 4.5%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 3.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1232 GCATGCTCTGCCA 1244
DB 3 GCATGCTCTGCCA 15

RESULT 631
US-09-811-045A-3
; Sequence 3, Application US/09811045A
; Patent No. US20020035080A1
; GENERAL INFORMATION:
; APPLICANT: Scott, Robert E.
; TITLE OF INVENTION: cDNA encoding P2P proteins and use of P2P cDNA-
; TITLE OF INVENTION: derived antibodies and antisense reagents
; TITLE OF INVENTION: in determining the proliferative potential of
; TITLE OF INVENTION: normal, abnormal and cancer cells in animals
; FILE REFERENCE: D6386D
; CURRENT APPLICATION NUMBER: US/09/811, 045A
; CURRENT FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: US 08/801,308
; PRIOR FILING DATE: 1997-02-18
; NUMBER OF SEQ ID NOS: 4
; SEQ ID NO 3
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; NAME/KEY: primer bind
; OTHER INFORMATION: P2P antisense oligonucleotide
US-09-811-045A-3

Query Match 4.4%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1374 CAGAGGAGCTGCTT 1389
DB 1 CAGAGGAGCTGCTT 16

RESULT 632
US-09-829-855-47/C
; Sequence 47, Application US/09829855
; Patent No. US20020065609A1
; GENERAL INFORMATION:
; APPLICANT: Matthew, Ashby N.
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
; FILE REFERENCE: ASHBY-1
; CURRENT APPLICATION NUMBER: US/09/829, 855
; CURRENT FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: US 60/196063
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: US 60/196258
; PRIOR FILING DATE: 2000-04-11
; NUMBER OF SEQ ID NOS: 244
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 47
; LENGTH: 16
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: unidentified soil organism
US-09-829-855-47

Query Match 4.4%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1396 AGCTGCTGACAGACC 1411
DB 16 AGCTGCTGACAGACC 1

RESULT 633
US-09-829-855-131/C
; Sequence 131, Application US/09829855
; Patent No. US20020065609A1
; GENERAL INFORMATION:
; APPLICANT: Matthew, Ashby N.
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
; FILE REFERENCE: ASHBY-1
; CURRENT APPLICATION NUMBER: US/09/829, 855
; CURRENT FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: US 60/196063
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: US 60/196258
; PRIOR FILING DATE: 2000-04-11
; NUMBER OF SEQ ID NOS: 244
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 131
; LENGTH: 16
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: unidentified soil organism
US-09-829-855-131

Query Match 4.4%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1396 AGCTGCTGACAGACC 1411
DB 16 AGCTGCTGACAGACC 1

RESULT 634
US-09-736-084-89/C
; Sequence 89, Application US/09736084
; Patent No. US20020107211A1
; GENERAL INFORMATION:

APPLICANT: THE ROCKEFELLER UNIVERSITY
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC
NUMBER OF SEQUENCES: 98
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/736,084
FILING DATE: 13-Dec-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/438,431
FILING DATE: May 10, 1995
APPLICATION NUMBER: 08/347,563
FILING DATE: No. US20020107211, November 30, 1994
APPLICATION NUMBER: 08/292,345
FILING DATE: August 17, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP21
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 89:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
DESCRIPTION: Marker AFM199xh12
HYPOTHEICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Human
SEQUENCE DESCRIPTION: SEQ ID NO: 89:
US-09-736-084-89
Query Match 4.4%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1209 GCAGCATGTGTGAGA 1224
Db 16 GCAGCCAGCATTCAGA 1
RESULT 635
US-09-823-847-31
Sequence 31, Application US/09823847
Patent No. US20020137905A1
GENERAL INFORMATION:
APPLICANT: THE SCRIPPS RESEARCH INSTITUTE
APPLICANT: SIMS, Peter
APPLICANT: SILVERMAN, Robert
APPLICANT: WIEDER, Theresa
TITLE OF INVENTION: PHOSPHOLIPID SCRAMBLASES AND METHODS OF USE THEREOF
FILE REFERENCE: SCRIPT20-1
CURRENT APPLICATION NUMBER: US/09/823,847
CURRENT FILING DATE: 2001-03-30
PRIOR APPLICATION NUMBER: US 60/193,939

PRIOR FILING DATE: 2000-03-31
NUMBER OF SEQ ID NOS: 45
SOFTWARE: Patentin version 3.0
SEQ ID NO 31
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Human Scramblase Splice acceptor site 3
US-09-823-847-31
Query Match 4.4%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1216 TCTGTGAGACCTTCCA 1231
Db 1 TATTTCAGACCTTCCA 16
RESULT 636
US-10-146-058-39
Sequence 39, Application US/10146058
Publication No. US20030040499A1
GENERAL INFORMATION:
APPLICANT: Schlingensiefen, Georg-Ferdinand
APPLICANT: Brysch, Wolfgang
APPLICANT: Schlingensiefen, Karl-Hermann
APPLICANT: Schlingensiefen, Reimar
APPLICANT: Bogdahn, Ulrich
TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of
immuno-suppressive effect of transforming-growth-factor beta (7
NUMBER OF SEQUENCES: 137
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jacobson, Price, Holman & Stern
STREET: 400 Seventh St. N.W.
CITY: Washington D.C
COUNTRY: U.S.A.
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/146,058
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/535,249
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 93 107 089.0
FILING DATE: 30-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 93 107 849.7
FILING DATE: 13-MAY-1993
ATTORNEY/AGENT INFORMATION:
NAME: Player, William E.
REGISTRATION NUMBER: 31,409
REFERENCE/DOCKET NUMBER: 10577/P58418
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 638-6666
TELEFAX: (202) 393-5350
TELEX: RCA 248593 IDEA UR
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
ANTI-SENSE: YES

US-10-146-058-39

Query Match 4.4%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1254 CTGCAGCAGCAGCTGG 1269

Db 1 CTGAGCAATAGTTGG 16

RESULT 637

US-10-043-875-125
; Sequence 125, Application US/10043875
; Publication No. US20030054339A1
; GENERAL INFORMATION:

APPLICANT: De Smet, Koenraad
APPLICANT: Stuyver, Lieven
TITLE OF INVENTION: Method for Detection of Drug-Induced Mutations in the HIV Reverse
FILE REFERENCE: 11362-0033-NPUS01 (INNS:033)
CURRENT APPLICATION NUMBER: US/10/043,875
CURRENT FILING DATE: 2002-04-03
PRIOR APPLICATION NUMBER: 60/286,102
PRIOR FILING DATE: 2001-04-24
PRIOR APPLICATION NUMBER: EP 01870085.6
PRIOR FILING DATE: 2001-04-20
PRIOR APPLICATION NUMBER: EP 01870005.4
PRIOR FILING DATE: 2001-01-11
NUMBER OF SEQ ID NOS: 884
SOFTWARE: PatentIn version 3.1
SEQ ID NO 125
LENGTH: 16
TYPE: DNA
ORGANISM: Human immunodeficiency virus
US-10-043-875-125

Query Match 4.4%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1211 AGCCATCTGCAGAC 1226

Db 1 AGTATCTGCAGTAC 16

RESULT 638

US-10-043-875-217
; Sequence 217, Application US/10043875
; Publication No. US20030054339A1
; GENERAL INFORMATION:

APPLICANT: De Smet, Koenraad
APPLICANT: Stuyver, Lieven
TITLE OF INVENTION: Method for Detection of Drug-Induced Mutations in the HIV Reverse
FILE REFERENCE: 11362-0033-NPUS01 (INNS:033)
CURRENT APPLICATION NUMBER: US/10/043,875
CURRENT FILING DATE: 2002-04-03
PRIOR APPLICATION NUMBER: 60/286,102
PRIOR FILING DATE: 2001-04-24
PRIOR APPLICATION NUMBER: EP 01870085.6
PRIOR FILING DATE: 2001-04-20
PRIOR APPLICATION NUMBER: EP 01870005.4
PRIOR FILING DATE: 2001-01-11
NUMBER OF SEQ ID NOS: 884
SOFTWARE: PatentIn version 3.1
SEQ ID NO 217
LENGTH: 16
TYPE: DNA
ORGANISM: Human immunodeficiency virus
US-10-043-875-217

Query Match 4.4%; Score 11.2; DB 1; Length 16;

Best Local Similarity 81.2%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1211 AGCCATCTGCAGAC 1226

Db 1 AGTATCTGCAGTAC 16

RESULT 639

US-10-331-907-443/C
; Sequence 443, Application US/10331907
; Publication No. US2003018160A1
; GENERAL INFORMATION:

APPLICANT: Todd, John A
Hess, John W
Caekey, Charles T
Cox, Roger D
Gerhold, David
Hammond, Holly
Hey, Patricia
Kawaguchi, Yoshitiko
Merriman, Tony R
Metzker, Michael L
TITLE OF INVENTION: No. US2003018160A1e1 LDL-Receptor
NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
ADDRESSER: Nixon and Vanderhye
STREET: 1100 No. US2003018160A1e1h Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
ZIP: VA 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/331,907
FILING DATE: 31-Dec-2002
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/402,923A
FILING DATE: 14-Feb-2001
APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-Apr-1998
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-Apr-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-81
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 443:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 443:
US-10-331-907-443

Query Match 4.4%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1395 GAGCTGCTGAGACAGAC 1410

Db 16 GGAGCTGCTGCAAGAC 1

```

RESULT 640
US-10-339-674-1755
Sequence 1755, Application US/10339674
Publication No. US20030204318A1
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Escherichia coli K-12 MG1655 complete genome.
FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
CURRENT FILING DATE: 2003-06-06
NUMBER OF SEQ ID NOS: 3537
SOFTWARE: Proprietary
SEQ ID NO 1755
LENGTH: 16
TYPE: DNA
ORGANISM: Escherichia coli K-12 MG1655 complete genome.
FEATURE:
LOCATION: (2398288)...(2398303)
OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectonObjectNumber = 2321
US-10-339-674-1755

Query Match 4.4%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 1388 TTTTGCTGAGCTGCTG 1403
| | | | | | | | | |
Db 1 TATTGCTGATCGCTG 16

RESULT 641
US-10-307-928A-36/c
Sequence 36, Application US/10307928A
Publication No. US20030229016A1
GENERAL INFORMATION:
APPLICANT: Alsobrook, John P.
APPLICANT: Anderson, David W.
APPLICANT: Boldog, Ferenc L.
APPLICANT: Burgess, Catherine E.
APPLICANT: Caterton, Elina
APPLICANT: Edinger, Shlomit R.
APPLICANT: Gorman, Linda
APPLICANT: Guo, Xiaojia (Sasha)
APPLICANT: Ji, Weizhen
APPLICANT: Kekuda, Ramesh
APPLICANT: Li, Li
APPLICANT: Paturejan, Meera
APPLICANT: Rieger, Daniel K.
APPLICANT: Shenoy, Suresh G.
APPLICANT: Spytek, Kimberly A.
APPLICANT: Vernet, Corine A.M.
APPLICANT: Voss, Edward Z.
APPLICANT: Zhong, Mei
TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYPEPTIDES ENCODING THEM AND METHODS C
FILE REFERENCE: 24102-502D
CURRENT APPLICATION NUMBER: US/10/307,928A
CURRENT FILING DATE: 2002-12-02
PRIOR APPLICATION NUMBER: 60/341,477
PRIOR FILING DATE: 2001-12-17
PRIOR APPLICATION NUMBER: 60/341,540
PRIOR FILING DATE: 2001-12-17
PRIOR APPLICATION NUMBER: 60/342,592
PRIOR FILING DATE: 2001-12-20
PRIOR APPLICATION NUMBER: 60/344,903
PRIOR FILING DATE: 2001-12-31
PRIOR APPLICATION NUMBER: 60/373,288
PRIOR FILING DATE: 2002-04-17
PRIOR APPLICATION NUMBER: 60/380,981
PRIOR FILING DATE: 2002-05-15
PRIOR APPLICATION NUMBER: 60/381,495
PRIOR FILING DATE: 2002-05-17

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; PRIOR APPLICATION NUMBER: 60/383,744
; PRIOR FILING DATE: 2002-05-28
; PRIOR APPLICATION NUMBER: 60/384,024
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: 60/401,788
; PRIOR FILING DATE: 2002-08-07
; Remaining Prior Application data removed - See File Wrapper or PAM.
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: Cnasedq1stc version 0.1
; SEQ ID NO 36
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
; US-10-928A-36

Query Match 4.4% Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1244 AGTGTCCGCGCTGCAG 1259
DB 16 AGTGCCCTCGCAGCAG 1

RESULT 642
US-10-407-807-5/c
; Sequence 5, Application US/10407807
; Publication No. US20040096848A1
; GENERAL INFORMATION:
; APPLICANT: THRIE, CHARLOTTE ALBAEK
; APPLICANT: HOG, ANJA MOHART
; APPLICANT: KRISTUNSEN, PAUL E.G.
; TITLE OF INVENTION: OLIGOMERIC COMPOUNDS FOR THE MODULATION HIF-1ALPHA
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 57390 (45120)
; CURRENT APPLICATION NUMBER: US/10/407,807
; CURRENT FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: 60/370,126
; PRIOR FILING DATE: 2002-04-05
; NUMBER OF SEQ ID NOS: 124
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 5
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; US-10-407-807-5

Query Match 4.4% Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1323 GGGGACCTCTTCTCCA 1338
DB 16 GGGGACGATTCACCA 1

RESULT 643
US-10-712-672-1454
; Sequence 1454, Application US/10712672
; Publication No. US20040102413A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Chowitra, Bharat
; APPLICANT: McSwiggan, Jim
; APPLICANT: Stinchcomb, Dan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme
; FILE REFERENCE: MHB00-882-C (400/019)
; CURRENT APPLICATION NUMBER: US/10/712,672

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/ CURRENT FILING DATE: 2003-11-13
/ PRIOR APPLICATION NUMBER: US/09/653,225
/ PRIOR FILING DATE: 2000-08-31
/ PRIOR APPLICATION NUMBER: 60/197,769
/ PRIOR FILING DATE: 2000-04-14
/ PRIOR APPLICATION NUMBER: 60/150,713
/ PRIOR FILING DATE: 1999-08-31
/ NUMBER OF SEQ ID NOS: 5586
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 1454
/ LENGTH: 16
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-712-672-1454

Query Match 4.4%; Score 11.2; DB 1; Length 16;
Best Local Similarity 56.2%; Pred. No. 4.2e+02;
Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Qy 1382 GCTGCGTTTGTGAG 1397
Db 1 GCTGCGTCCGCGCG 16

RESULT 644
US-10-607-077A-47/c
/ Sequence 47, Application US/10607077A
/ Publication No. US20040110183A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashby, Matthew
/ TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
/ FILE REFERENCE: ASHBY/1 DIV
/ CURRENT APPLICATION NUMBER: US/10/607,077A
/ CURRENT FILING DATE: 2003-06-25
/ PRIOR APPLICATION NUMBER: US 09/829855
/ PRIOR FILING DATE: 2001-04-10
/ PRIOR APPLICATION NUMBER: PCT/US01/11609
/ PRIOR FILING DATE: 2001-04-10
/ PRIOR APPLICATION NUMBER: US 60/196063
/ PRIOR FILING DATE: 2000-04-10
/ PRIOR APPLICATION NUMBER: US 60/196258
/ PRIOR FILING DATE: 2000-04-11
/ NUMBER OF SEQ ID NOS: 244
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 47
/ LENGTH: 16
/ TYPE: DNA
/ ORGANISM: Unknown
/ FEATURE:
/ OTHER INFORMATION: ribosomal DNA sequence tag isolated from
/ OTHER INFORMATION: microbes in soil sample collected
/ OTHER INFORMATION: in Wyoming, USA
US-10-607-077A-47

Query Match 4.4%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1396 AGCTGCTGCACAGACC 1411
Db 16 AGCTGCGCAGCAGACC 1

RESULT 645
US-10-607-077A-131/c
/ Sequence 131, Application US/10607077A
/ Publication No. US20040110183A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashby, Matthew
/ TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
/ FILE REFERENCE: ASHBY/1 DIV
/ CURRENT APPLICATION NUMBER: US/10/607,077A
/ CURRENT FILING DATE: 2003-06-25

/ PRIOR APPLICATION NUMBER: US 09/829855
/ PRIOR FILING DATE: 2001-04-10
/ PRIOR APPLICATION NUMBER: PCT/US01/11609
/ PRIOR FILING DATE: 2001-04-10
/ PRIOR APPLICATION NUMBER: US 60/196063
/ PRIOR FILING DATE: 2000-04-10
/ PRIOR APPLICATION NUMBER: US 60/196258
/ PRIOR FILING DATE: 2000-04-11
/ NUMBER OF SEQ ID NOS: 244
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 131
/ LENGTH: 16
/ TYPE: DNA
/ ORGANISM: Unknown
/ FEATURE:
/ OTHER INFORMATION: ribosomal DNA sequence tag isolated from
/ OTHER INFORMATION: microbes in soil sample collected
/ OTHER INFORMATION: in Wyoming, USA
US-10-607-077A-131

Query Match 4.4%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1396 AGCTGCTGCACAGACC 1411
Db 16 AGCTGCGCAGCAGACC 1

RESULT 646
US-10-730-488-89/c
/ Sequence 89, Application US/10730488
/ Publication No. US20040213763A1
/ GENERAL INFORMATION:
/ APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA, AND
/ MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GAJWALA, AND
/ STEPHEN K. BURLEY
/ TITLE OF INVENTION: OB POLYPEPTIDE ANTIBODIES AND METHOD OF MAKING
/ (AS AMENDED)
/ NUMBER OF SEQUENCES: 102
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Klauber & Jackson
/ STREET: 411 Hackensack Avenue
/ CITY: Hackensack
/ STATE: New Jersey
/ COUNTRY: USA
/ ZIP: 07601
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/10/730,488
/ FILING DATE: 08-Dec-2003
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/09/736,084
/ FILING DATE: 13-Dec-2000
/ APPLICATION NUMBER: 08/438,431
/ FILING DATE: May 10, 1995
/ APPLICATION NUMBER: 08/347,563
/ FILING DATE: November 30, 1994
/ APPLICATION NUMBER: 08/293,345
/ FILING DATE: August 17, 1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Jackson Esq., David A.
/ REGISTRATION NUMBER: 26,742
/ REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2D
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 201 487-5800
/ TELEFAX: 201 343-1684
/ TELEX: 133521

```

; INFORMATION FOR SEQ ID NO: 89:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 16 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: DNA (primer)
;   DESCRIPTION: Marker AFM199xh12
;   HYPOTHETICAL: NO
;   ANTI-SENSE: NO
;   ORIGINAL SOURCE:
;   ORGANISM: Human
;   SEQUENCE DESCRIPTION: SEQ ID NO: 89:
US-10-730-488-89

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Query Match      4.4%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 1209 GCAGCCATCTGCAGA 1224
   |||||
Db 16 GCAGCCAGCATCAGA 1

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Search completed: December 6, 2004, 18:20:35
 Job time : 5 secs

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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: December 6, 2004, 18:07:54 ; Search time 0.001 Seconds
(without alignments)

74.592 Million cell updates/sec

Title: us-09-993-731-10

Sequence: 1 cggcgctcccgagagcgtgt.....gtgcgtgaggggcacatc 252

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 0.5

Searched: 12 seqs, 148 residues

Total number of hits satisfying chosen parameters: 24

Minimum DB seq length: 8
Maximum DB seq length: 50

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 15 summaries

Database: rscdb:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length DB	ID	Description
1	13.8	5.5	19	1	ACCESSION:AJ509071
2	10.8	4.3	15	1	ACCESSION:AJ599290
3	9.8	3.9	13	1	ACCESSION:AJ650760
4	9.8	3.9	13	1	ACCESSION:AJ66341
5	9.4	3.7	12	1	ACCESSION:CL658999
6	9	3.6	9	1	ACCESSION:CA853359
7	8.8	3.5	12	1	ACCESSION:CF337407
8	8.8	3.5	12	1	ACCESSION:AJ595953
9	8.4	3.3	10	1	ACCESSION:CL436002
10	8.4	3.3	10	1	ACCESSION:CL438333
11	8.4	3.3	11	1	ACCESSION:AJ655617
12	8.4	3.3	12	1	ACCESSION:CL437573
13	8.4	3.3	19	1	ACCESSION:AJ509071
14	8	3.2	12	1	ACCESSION:AJ595953
15	7	2.8	9	1	ACCESSION:CA853359

ALIGNMENTS

RESULT 1
AJ509071 19 bp DNA linear GSS 05-OCT-2000
LOCUS 1M0351A1R Mouse 10kb plasmid UGCM library Mus musculus genomic
DEFINITION clone UGCM0351A21 R, genomic survey sequence.
ACCESSION AJ509071
VERSION AJ509071
KEYWORDS GSS, GI:10690387
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE 1 (bases 1 to 19)

AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A., and Wright, D., Weiss, R.
TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLIC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0351 row: A column: 21
Seq primer: CACACAGAAACGCTATGACC
Class: Plasmid ends
High quality sequence stop: 19.

FEATURES

1. 19
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCM0351A21"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGCM library"
/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male); was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PMD42 (gi|4732114|gb|AF12072.1), a copy-number inducible derivative of plasmid RL. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 5.5%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 0.31;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1265 GCTGGAAGGCTGAGG 1281
Db 2 GCTGCAAGAGGAGG 18

RESULT 2
AJ599290 15 bp DNA linear GSS 15-JAN-2004
LOCUS Arabidopsis thaliana T-DNA flanking sequence, left border, clone
DEFINITION 484D02, genomic survey sequence.
ACCESSION AJ599290
VERSION AJ599290.1 GI:37948918
KEYWORDS GSS; left border; T-DNA flanking sequence.
SOURCE Arabidopsis thaliana (thale cress)
ORGANISM Arabidopsis thaliana
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
REFERENCE 1

AUTHORS	Brunaud V., Balergue S., Dubreugnot B., Aubourg S., Samson F., Chauvin S., Bechtold N., Cnudde C., Derosé R., Pelletier G., Lepoint J., Caboche M., and Decharny A.
TITLE	T-DNA integration into the Arabidopsis genome depends on sequences of pre-insertion sites
JOURNAL	EMBO Rep. 3 (12), 1152-1157 (2002)
MEDLINE	22363535
REFERENCE	12446565
AUTHORS	2 (bases 1 to 15)
TITLE	Balergue S.
JOURNAL	Direct Submission
COMMENT	Submitted (23-OCT-2003) Balergue S., UMRGV, INRA/CNRS, 2 rue Gaston Cremieux, 91057 Evry cedex, FRANCE PCR was performed on DNA from transformants of Arabidopsis thaliana plants from INRA (Versailles). The DNA fragment(s) resulting from the PCR were directly sequenced from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at http://dbsgap.versailles.inra.fr/publiclines/ . This sequence has been generated in the framework of the French plant genomics program 'Genoplante' (http://www.genoplante.com and http://genoplante-info.infobiolegen.fr). Location/Qualifiers 1..15 /organism="Arabidopsis thaliana" /mol_type="genomic DNA" /culivar="Massilllewskija" /db_xref="taxon:3702" /clone="484D02" /clone_1db="Arabidopsis thaliana T-DNA insertion lines" 1..15 /note="T-DNA flanking sequence left border"
FEATURES	
source	
misc_feature	
Query Match	4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity	85.7%; Pred. No. 1.8;
Matches	12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy	1209 GCAGGCATCTGTCA 1222
Db	15 GTACCATCTACTCA 2
RESULT 3	
AJ650760/c	13 bp mRNA linear EST 07-JUL-2004
LOCUS	AJ650760
DEFINITION	AJ650760 CSEGRAN19 Sus scrofa cDNA clone CO00327_E04, mRNA sequence.
ACCESSION	AJ650760
VERSION	AJ650760.1 GI:49327605
KEYWORDS	EST.
SOURCE	Sus scrofa (pig)
ORGANISM	Sus scrofa Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Cetartiodactyla; Suidae; Sus. 1 (bases 1 to 13) Anderson, S.I., Finlayson, H.A. and Archibald, A.L. Development of cDNA and EST resources for studying reproduction and embryo development in pigs and cattle Unpublished (2004) Contact: Anderson SI Genomics and Bioinformatics Roslin Institute Roslin, Midlothian, EH25 9PS, UNITED KINGDOM Single pass sequencing. Bases called and trimmed with phred v0.020425.c. Vector identified by cross match with the -mismcsc 20 and -mismatch 12 options. Vector:phredscript1(k) R. Site1: ECKR1 R. Site2: NOT1 5' Seg Primer M13f Normalised library constructed from pooled ovaries. Clones available from UK Centre for Functional Genomics in Farm Animals, Roslin Institute, Roslin, Midlothian, UK, EH25 9PS, www.ark-genomics.org .
REFERENCE	
AUTHORS	
TITLE	
JOURNAL	
COMMENT	

FEATURES	source	Location/Qualifiers	1..13	/organism="Sus scrofa"	/mol_type="mRNA"	/db_xref="taxon:9823"	/clone="C0003276_E04"	/tissue_type="ovary"	/clone_id="CSEGRAN9"	/note="Vector: pBluescriptII(KS+); Site_1: EcoRI; Site_2: NotI; Single pass sequencing; Normalised library constructed from pooled ovaries"			
Query Match	Best Local Similarity	84.6%;	Pred. No. 2.8;	Matches	11;	Conservative	0;	Mismatches	2;	Indels	0;	Gaps	0;
OY	1247	GCTCCGGCTGCAG	1259										
Db	13	GGCCCGGCTGGAG	1										
RESULT 4													
LOCUS	AU666341/c	13 bp	mRNA	linear	EST 28-JUN-2004								
DEFINITION	AU666341 CSEGRAN09 Sus scrofa cDNA clone C0000033_C09, mRNA sequence.												
ACCESSION	AU666341												
VERSION	AU666341.1	GI:49350792											
KEYWORDS	EST.												
SOURCE	Sus scrofa (pig)												
ORGANISM	Sus scrofa												
REFERENCE	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Cetartiodactyla; Suidae; Sus.												
AUTHORS	1 (bases 1 to 13)												
TITLE	Anderson,S.I., Finlayson,H.A. and Archibald,A.L.												
JOURNAL	Development of cDNA and EST resources for studying reproduction and embryo development in pigs and cattle												
COMMENT	Unpublished (2004)												
	Contact: Anderson SI												
	Genomics and Bioinformatics												
	Roslin Institute												
	Roslin, Midlothian, EH25 9PS, UNITED KINGDOM												
	Single pass sequencing; Bases called and trimmed with phred v0.020425.c. Vector identified by cross_match with the minscore 20 and -mismatch 12 options. Vector:pBluescriptII(KS+) R. Site 1: EcoRI R. Site 2: NotI Description: Normalised library constructed from pooled tissue from day 30 placentas. Clones available from UK Centre for Functional Genomics in Farm Animals, Roslin Institute, Roslin, Midlothian, UK, EH25 9PS, www.arkgenomics.org.												
FEATURES	source	Location/Qualifiers	1..13	/organism="Sus scrofa"	/mol_type="mRNA"	/db_xref="taxon:9823"	/clone="C0000033_C09"	/tissue_type="placenta"	/clone_id="CSEGRAN09"	/note="Vector: pBluescriptII(KS+); Site_1: EcoRI; Site_2: NotI; Single pass sequencing. Normalised library constructed from pooled tissue from day 30 placentas."			
Query Match	Best Local Similarity	3.9%;	Score 9.8;	DB 1;	Length 13;								
Matches	11;	Conservative	0;	Mismatches	2;	Indels	0;	Gaps	0;				
OY	1343	AGGAGACTTCCC	1355										
Db	13	AAGAGAATTCCC	1										
RESULT 5													
LOCUS	CL658999/c	12 bp	DNA	linear	GSS 09-JUN-2004								

DEFINITION PRI0132d G05 - PRI0132d.B21 (12) Mixed stage fosmid library of P. pacificus var. California *Pristionchus pacificus* genomic, genomic survey sequence.

ACCESSION C1658899

VERSION C1658999.1 GI:50142558

KEYWORDS GSS.

SOURCE *Pristionchus pacificus*

ORGANISM *Pristionchus pacificus*

REFERENCE 1 (bases 1 to 12)

AUTHORS Strinivasan,V., Otto,G.W., Kahlow,U., Geisler,R. and Sommer,R.U.

TITLE Appad: an Acedb database for the nematode satellite organism *Pristionchus pacificus*

JOURNAL Nucleic Acids Res. 32 (1), D421-D422 (2004)

COMMENT Contact: Sommer RJ

Evolutionary Biology

Max-Planck-Institute for Developmental Biology

Spemannstr. 37-39, Tuebingen D-72076, Germany

Tel: 00497071601371

Fax: 00497071601498

Email: ralf.sommer@uebingen.mpg.de

This library was generated at Caltech, Pasadena, USA and end sequenced at Vancouver, Canada.

Seq primer: T7

Class: fosmid ends.

location/Qualifiers

1..12

/organism="Pristionchus pacificus"

/mol_type="genomic DNA"

/strain="California"

/db_xref="taxon:54126"

/clone_lib="Mixed stage fosmid library of P. pacificus var. California"

/note="Vector: pCpifos-5 Fosmid vector"

Query Match 3.7%; Score 9.4; DB 1; Length 12;

Best Local Similarity 90.9%; Pred. No. 3.2;

Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1337 CAAGCAGAG 1347

Db 12 CAAGCAGAG 2

RESULT 6

CA853359

LOCUS B07D04.seq cDNA Peking library 12hr SCN3 Glycine max cDNA clone

DEFINITION B07D04.5', mRNA sequence.

ACCESSION CA853359

VERSION CA853359.1 GI:33390152

KEYWORDS EST.

SOURCE Glycine max (soybean)

ORGANISM Glycine max

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids; eurosids I; Fabales; Fabaceae; Papilionoideae; Phaseoleae; Glycine.

1 (bases 1 to 9)

Alkharouf,N.W., Khan,R. and Mathews,B.F.

Analysis of expressed sequence tags from roots of resistant soybean infected by the soybean cyst nematode

Unpublished (2002)

Contact: Alkharouf, N.W.

Soybean Genomics and Improvement Laboratory (SGIL)

US Department of Agriculture (USDA), ARS, PSI

Bldg.006, Rm 118, 10300 Baltimore Ave., Beltsville, MD 20705-2350, USA

Tel: 301 504 5750

Fax: 301 504 5728

Email: alkharouf@ars.usda.gov.

location/Qualifiers

FEATURES

source

1..9

/organism="Glycine max"

/mol_type="mRNA"

/cultivar="Peking"

/db_xref="taxon:3847"

/clone="B07D04"

/issue_type="Roots"

/dev_stage="Seedlings"

/clone_lib="cDNA Peking library 12hr SCN3"

/note="Vector: pBluescript SK-; cDNA clones from mRNA extracted from roots of soybean cv. Peking 12 hrs after infection by SCN race 3. These are cloned in pBluescript SK- phagemid."

Query Match 3.6%; Score 9; DB 1; Length 9;

Best Local Similarity 100.0%; Pred. No. 31;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1394 TGAGCTGCT 1402

Db 1 TGAGCTGCT 9

RESULT 7

CF337407

LOCUS JMT--07-N08.b1 AtUMT-overexpressing transgenic rice plasmid cDNA

DEFINITION JMT--07-N08, mRNA sequence.

ACCESSION CF337407

VERSION CF337407.1 GI:33823214

KEYWORDS EST.

SOURCE Oryza sativa (japonica cultivar-group)

ORGANISM Oryza sativa (japonica cultivar-group)

Eukaryota; Viridiplantae; Streptophyta; Tracheophyta; Spermatophyta; Magnoliophyta; liliopsida; Poales; Poaceae; Ehrhartoideae; Oryzaceae; Oryza.

1 (bases 1 to 12)

Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C., Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)

Contact: Nahm B.H.

Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, Myongji University

Yongin, Kyeonggi, Korea

Tel: 82 31 330 6193

Fax: 82 31 321 6355

Email: bhnahm@gbio.com, bhnahm@bio.myongji.ac.kr.

location/Qualifiers

1..12

/organism="Oryza sativa (japonica cultivar-group)"

/mol_type="mRNA"

/cultivar="Nackdong"

/db_xref="taxon:39947"

/clone="JMT--07-N08"

/issue_type="leaf"

/dev_stage="14 days after germination"

/lab_host="E.coli DH10B"

/clone_lib="AtUMT-overexpressing transgenic rice plasmid cDNA library (JMT)"

/note="Vector: pCR4-TOP0; Site_1: EcoRI; Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was prepared from Arabidopsis jasmonate Carboxyl methyltransferase overexpression line."

Query Match 3.5%; Score 8.8; DB 1; Length 12;

Best Local Similarity 83.3%; Pred. No. 4.7;

Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1279 AGGCGAGAGAC 1290

Db 12 ATGCGAGAGAC 1

RESULT 8
AJ595953/c 12 bp DNA linear GSS 15-JAN-2004
LOCUS Arabidopsis thaliana T-DNA flanking sequence, left border, clone
DEFINITION 426D03, genomic survey sequence.
ACCESSION AJ595953
VERSION AJ595953.1 GI:37945581
KEYWORDS GSS, left border; T-DNA flanking sequence.
SOURCE Arabidopsis thaliana (thale cress)
ORGANISM Arabidopsis thaliana
Eukaryote; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
REFERENCE
AUTHORS 1 Brunaud, V., Balzerque, S., Dubreucq, B., Aubourg, S., Samson, F.,
Chauvin, S., Bechtold, N., Cruaud, C., DeRose, R., Pelletier, G.,
Lepoint, L., Caboche, M. and Lecharny, A.
TITLE T-DNA integration into the Arabidopsis genome depends on sequences
of pre-insertion sites
JOURNAL EMBO Rep. 3 (12), 1152-1157 (2002)
MEDLINE 22363335
PUBMED 12446565
REFERENCE 2 (bases 1 to 12)
AUTHORS Balzerque, S.
TITLE Direct Submission
JOURNAL Submitted (23-OCT-2003) Balzerque S., UMRGV, INRA/CNRS, 2 rue
Gaston Cremieux, 91057 Evry cedex, FRANCE
COMMENT PCR was performed on DNA from transformants of Arabidopsis thaliana
plants from INRA (Versailles). The DNA fragment(s) resulting from
the PCR were directly sequenced from the left or the right border
to determine the genomic sequence flanking the insertion. T-DNA
derived sequences were removed. Information to order the
corresponding mutant line and a link to a database providing a
graphical display of the insertion site are available at
http://dbsgap.versailles.inra.fr/publiclines/. This sequence has
been generated in the framework of the French plant genomics
program 'Genoplante' (http://www.genoplante.com and
http://genoplante-info.infobiogen.fr).

FEATURES
source
Location/Qualifiers
1..12
/organism="Arabidopsis thaliana"
/mol_type="genomic DNA"
/culivar="Massilllewska"
/db_xref="taxon:3702"
/clone="426D03"
/clone_1b="Arabidopsis thaliana T-DNA insertion lines"
1..12
/note="T-DNA flanking sequence
left border"

misc_feature
Query Match 3.5%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 4.7;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1402 TGGACAGACCGG 1413
12 TGGCCGACCGG 1

RESULT 9
CL436002 10 bp DNA linear GSS 18-MAR-2004
LOCUS PST2100-NR.Seg MICB1 Mus musculus genomic clone PST2100-NR.Seg
DEFINITION 81milar to 2700016D05R1k, genomic survey sequence.
ACCESSION CL436002
VERSION CL436002.1 GI:45570248
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryote; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1 (bases 1 to 10)
AUTHORS Hicks, G.G.
TITLE www.BSCell.ca
JOURNAL Unpublished (2002)
COMMENT Contact: Hicks GG
Mammalian Functional Genomics Centre
Manitoba Institute of Cell Biology, University of Manitoba
ON5029, 675 McDermot Ave, Winnipeg, MB R3E 0V9, Canada
Tel: 204 787 2133
Fax: 204 787 2190
Email: hicksgg@cc.umanitoba.ca
U3NeosVI gene trap. Tag generated by plasmid rescue. Additional
sequence information and target gene cloning can be generated. ES
cell line harboring insertion mutation of target gene is available.
Sequence analysis available from
http://140.193.242.7/esdb/public_search_frame.php?PST=PST2100-NR.Se
q

FEATURES
source
Location/Qualifiers
1..10
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="129 sv"
/db_xref="taxon:10090"
/clone="PST2100-NR.Seg"
/sex="Male"
/cell_type="Embryonic stem cell"
/cell_line="D3H (J1 subclone)"
/clone_1b="MICB1"
/note="Vector: U3NeosVI"

Query Match 3.3%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 4.6;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1400 GCTGACAGCA 1409
1 GCAGACAGCA 10

RESULT 10
CL438333 10 bp DNA linear GSS 18-MAR-2004
LOCUS PST7292-NL.Seg MICB1 Mus musculus genomic clone PST7292-NL.Seg,
DEFINITION genomic survey sequence.
ACCESSION CL438333
VERSION CL438333.1 GI:45574784
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryote; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 10)
Contact: Hicks GG
Mammalian Functional Genomics Centre
Manitoba Institute of Cell Biology, University of Manitoba
ON5029, 675 McDermot Ave, Winnipeg, MB R3E 0V9, Canada
Tel: 204 787 2133
Fax: 204 787 2190
Email: hicksgg@cc.umanitoba.ca
U3NeosVI gene trap. Tag generated by plasmid rescue. Additional
sequence information and target gene cloning can be generated. ES
cell line harboring insertion mutation of target gene is available.
Sequence analysis available from
http://140.193.242.7/esdb/public_search_frame.php?PST=PST7292-NL.Se
q

FEATURES
source
Location/Qualifiers
1..10
/organism="Mus musculus"

/mol_type="genomic DNA"
 /strain="129 sv"
 /db_xref="taxon:10090"
 /clone="PST7292-NL.Seg"
 /sex="Male"
 /cell_type="Embryonic stem cell"
 /cell_line="D3H (J1 subclone)"
 /clone_lib="MICB1"
 /note="Vector: U3NeosV1"

Query Match 3.3%; Score 8.4; DB 1; Length 10;
 Best Local Similarity 90.0%; Pred. No. 4.6;
 Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1233 CAGTCTCTGG 1242
 |||||
 Db 1 CAGTCTCTGG 10

RESULT 11
 LOCUS AJ655617 11 bp mRNA linear EST 28-JUN-2004
 DEFINITION AJ655617 KN277 Sus scrofa cDNA clone C0005190_J23, mRNA sequence.
 ACCESSION AJ655617
 VERSION AJ655617.1 GI:49339649
 KEYWORDS EST.
 SOURCE Sus scrofa (pig)
 ORGANISM Sus scrofa
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Cetartiodactyla; Suidae; Suidae; Sus.
 1 (bases 1 to 11)
 Anderson, S.I., Pinareson, H.A. and Archibald, A.L.
 Development of cDNA and EST resources for studying reproduction and
 embryo development in pigs and cattle
 Unpublished (2004)
 Contact: Anderson SI
 Genomics and Bioinformatics
 Roslin Institute
 Roslin, Midlothian, EH25 9PS, UNITED KINGDOM
 Single pass sequencing. Bases called and trimmed with phred
 v0.020425.c. Vector identified by cross match with the -minscore 20
 and -mismatch 12 options. Vector: pBluescriptII(SK+) R. Site1: EcoRI
 R. Site2: NotI 5' Seg Primer M13p Normalised library constructed
 from pooled early embryos, from 8-cell stage to blastocysts.
 Clones available from UK Centre for Functional Genomics in Farm
 Animals, Roslin Institute, Roslin, Midlothian, UK, EH25 9PS,
 www.arkgenomics.org.

FEATURES
 source
 1..11
 location/Qualifiers
 /organism="Sus scrofa"
 /mol_type="mRNA"
 /db_xref="taxon:9823"
 /clone="C0005190_J23"
 /issue_type="embryo"
 /clone_lib="KN277"
 /note="Vector: pBluescriptII(SK+); Site_1: EcoRI; Site_2:
 NotI; Single pass sequencing. Normalised library
 constructed from pooled early embryos, from 8-cell stage
 to blastocysts."

Query Match 3.3%; Score 8.4; DB 1; Length 11;
 Best Local Similarity 90.0%; Pred. No. 5.4;
 Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1339 AGGCAAGAGA 1348
 |||||
 Db 2 AGGCAAGAGA 11

RESULT 12
 LOCUS CL437573 12 bp DNA linear GSS 18-MAR-2004
 DEFINITION PST5877-NR.Seg MICB1 Mus musculus genomic clone PST5877-NR.Seg

similar to Akap8, genomic survey sequence.
 CL437573
 CL437573.1 GI:45573364
 GSS.
 KEYWORDS Mus musculus (house mouse)
 SOURCE Mus musculus
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathu; Muridae; Murinae; Mus.
 1 (bases 1 to 12)
 Hicks, G.G.
 www.fscellis.ca
 Unpublished (2002)
 Contact: Hicks GG
 Mammalian Functional Genomics Centre
 Manitoba Institute of Cell Biology, University of Manitoba
 ON5029, 675 McDermot Ave, Winnipeg, MB R3E 0V9, Canada
 Tel: 204 787 2133
 Fax: 204 787 2190
 Email: hickeg@cc.umanitoba.ca
 U3NeosV1 gene trap. Tag generated by plasmid rescue. Additional
 sequence information and target gene cloning can be generated. ES
 cell line harboring insertion mutation of target gene is available.
 Sequence analysis available from
 http://140.193.242.7/esdb/public_search_frame.php?PST=PST5877-NR.Se
 g

FEATURES
 source
 1..12
 location/Qualifiers
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="129 sv"
 /db_xref="taxon:10090"
 /clone="PST5877-NR.Seg"
 /sex="Male"
 /cell_type="Embryonic stem cell"
 /cell_line="D3H (J1 subclone)"
 /clone_lib="MICB1"
 /note="Vector: U3NeosV1"

Query Match 3.3%; Score 8.4; DB 1; Length 12;
 Best Local Similarity 90.0%; Pred. No. 6.1;
 Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1393 CTGAGCTGCT 1402
 |||||
 Db 12 CAGAGCTGCT 3

RESULT 13
 LOCUS AZ509071 19 bp DNA linear GSS 05-OCT-2000
 DEFINITION IWO351A21R Mouse 10kb plasmid UGC1M library Mus musculus genomic
 clone UGC1M0351A21 R, genomic survey sequence.
 ACCESSION AZ509071
 VERSION AZ509071.1 GI:10690387
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathu; Muridae; Murinae; Mus.
 1 (bases 1 to 19)
 Dunn, D., Aoyagi, A., Barber, M., Beacom, T., Duval, B., Hamil, C.,
 Irlam, H., Longacre, S., Mahmood, M., Meenen, E., Pedersen, T.,
 Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
 Niederhausern, A. and Wright, D., Weis, R.
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts
 Unpublished (2000)
 Contact: Robert B. Weis
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA

Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert length: 10000 Std Error: 0.00
 Plate: 0351 row: A column: 21
 Seq primer: CACACAGAAACAGCTATGACC
 Class: plasmid ends
 High quality sequence stop: 19.
 Location/Qualifiers

FEATURES

source

1. 19
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UTGCM0351A21"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_1lb="Mouse 10kb plasmid UGCM1 library"
 /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (g1[4732114[gb]AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 3.3%; Score 8.4; DB 1; Length 19;
 Best Local Similarity 66.7%; Pred. No. 9.9;
 Matches 12; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1196 GCCTGTGCAGAGCGCAGC 1213
 |||||
 19 GCCTGTGCTCTGCCAGC 2

RESULT 14

AJ595953

LOCUS

12 bp DNA linear GSS 15-JAN-2004
 Arabidopsis thaliana T-DNA flanking sequence, left border, clone 426D03, genomic survey sequence.

ACCESSION AJ595953
 VERSION AJ595953.1 GI:37945581
 KEYWORDS GSS; left border; T-DNA flanking sequence.
 SOURCE Arabidopsis thaliana (thale cress)
 ORGANISM Arabidopsis thaliana

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsids.

REFERENCE

AUTHORS

1 Brunaud, V., Balzerque, S., Dubreucq, B., Aubourg, S., Samson, F., Chauvin, S., Bechtold, N., Cruaud, C., Denose, R., Pelletier, G., Lepoint, L., Caboche, M. and Lecharny, A.
 T-DNA integration into the Arabidopsis genome depends on sequences of pre-insertion sites
 EMBO Rep. 3 (12), 1152-1157 (2002)

JOURNAL

MEDLINE

22363535

12446565

REFERENCE

AUTHORS

2 (bases 1 to 12)
 Balzerque, S.
 Direct Submission
 Submitted (23-OCT-2003) Balzerque S., UMRGV, INRA/CNRS, 2 rue

COMMENT

Gaston Cremlieux, 91057 Evry cedex, FRANCE
 PCR was performed on DNA from transformants of Arabidopsis thaliana plants from INRA (Versailles). The DNA fragment(s) resulting from the PCR were directly sequenced from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at <http://dbsgap.versailles.inra.fr/publicline/>. This sequence has been generated in the framework of the French plant genomics program 'Genoplante' (<http://www.genoplante.com> and <http://genoplante-info.inbio.gen.fr>).
 Location/Qualifiers

FEATURES

source

1. 12
 /organism="Arabidopsis thaliana"
 /mol_type="genomic DNA"
 /cultivar="Wassilewskija"
 /db_xref="taxon:3702"
 /clone_1lb="Arabidopsis thaliana T-DNA insertion lines"
 /note="T-DNA flanking sequence
 left border"

Query Match 3.2%; Score 8; DB 1; Length 12;
 Best Local Similarity 100.0%; Pred. No. 7.8;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1247 GCCTCCGCGC 1254
 |||||
 3 GCCTCCGCGC 10

RESULT 15
 CA853359/c 9 bp mRNA linear EST 01-AUG-2003
 LOCUS B07D04.seq cDNA Peking library 12hr SCN3 Glycine max cDNA clone
 DEFINITION B07D04 5', mRNA sequence.

ACCESSION CA853359
 VERSION CA853359.1 GI:33390152
 KEYWORDS EST.
 SOURCE Glycine max (soybean)
 ORGANISM Glycine max

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids; eurosids I; Fabales; Fabaceae; Papilionoideae; Phaseoleae; Glycine.

1 (bases 1 to 9)
 Alkharouf, N.W., Khan, R. and Matthews, B.F.
 Analysis of expressed sequence tags from roots of resistant soybean infected by the soybean cyst nematode
 Unpublished (2002)
 Contact: Alkharouf, N.W.
 Soybean Genomics and Improvement Laboratory (SGIL)
 US Department of Agriculture (USDA), ARS, PSI
 Bldg. 006, Rm 118, 10300 Baltimore Ave., Beltsville, MD 20705-2350,
 USA

Tel: 301 504 5750
 Fax: 301 504 5728
 Email: alkharouf@ba.ars.usda.gov.
 Location/Qualifiers

FEATURES

source

1. 9
 /organism="Glycine max"
 /mol_type="mRNA"
 /cultivar="Peking"
 /db_xref="taxon:3847"
 /clone_1lb="B07D04"
 /issue_type="Roots"
 /dev stage="Seedlings"
 /clone_1lb="cDNA Peking library 12hr SCN3"
 /note="Vector: pBluescript SK-; cDNA clones from mRNA extracted from roots of soybean cv. Peking 12 hrs after infection by SCN race 3. These are cloned in pBluescript

SK- phagemid. "

Query Match 2.8%; Score 7; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 31;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1315 AGCAGCT 1321
|||
Db 9 AGCAGCT 3

Search completed: December 6, 2004, 18:07:54
Job time : 0.001 secs

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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: December 6, 2004, 18:18:16 ; Search time 1 Seconds
(without alignments)
3.400 Million cell updates/sec

Title: us-09-993-731-10
Perfect score: 252
Sequence: 1 ctgsgctccaggaagcctgctc.....gtgctgagcg99gcatcatc 252

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 0.5

Searched: 429 seqs, 6746 residues

Total number of hits satisfying chosen parameters: 858

Minimum DB seq length: 8
Maximum DB seq length: 50

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 438 summaries

Database : rntdb:*
Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	16	6.3	20	1	US-09-705-267A-173 Sequence 173, App
2	16	6.3	20	1	US-09-705-267A-174 Sequence 174, App
3	15.4	6.1	17	1	US-09-866-108A-929 Sequence 929, App
4	15.4	6.1	22	1	US-08-336-708A-6 Sequence 6, Appli
5	15.4	6.1	22	1	PCT-US94-06280-6 Sequence 6, Appli
6	15.2	6.0	20	1	US-08-931-858E-234 Sequence 234, App
7	15.2	6.0	20	1	US-09-220-407-234 Sequence 234, App
8	15.2	6.0	21	1	US-08-338-579A-83 Sequence 83, Appl
9	15.2	6.0	21	1	PCT-US94-09851-83 Sequence 83, Appl
10	14.8	5.9	18	1	US-09-156-979-46 Sequence 46, Appl
11	14.8	5.9	18	1	US-09-387-341-107 Sequence 107, App
12	14.8	5.9	20	1	US-09-069-886-3 Sequence 3, Appli
13	14.8	5.9	20	1	US-09-069-886-3 Sequence 3, Appli
14	14.8	5.9	20	1	US-08-584-040-5442 Sequence 5442, App
15	14.4	5.7	17	1	US-09-474-432B-669 Sequence 669, App
16	14.4	5.7	17	1	US-09-371-772B-2336 Sequence 2336, App
17	14.4	5.7	17	1	US-09-476-387-668 Sequence 668, App
18	14.4	5.7	17	1	US-09-866-108A-928 Sequence 928, App
19	14.4	5.7	17	1	US-09-866-108A-928 Sequence 928, App
20	14.4	5.7	19	1	US-09-696-791-335 Sequence 335, App
21	14.4	5.7	20	1	US-08-800-215C-12 Sequence 12, Appl
22	14.4	5.7	20	1	US-08-718-388-28 Sequence 28, Appl
23	14.4	5.7	20	1	US-09-607-529-5 Sequence 5, Appli
24	14.4	5.7	20	1	US-09-844-525A-34 Sequence 34, Appl
25	14.4	5.7	20	1	US-09-658-688A-60 Sequence 60, Appl
26	14.4	5.7	20	1	US-09-280-030-45 Sequence 45, Appl
27	14.4	5.7	20	1	US-09-843-376-61 Sequence 61, Appl
28	14.4	5.7	20	1	US-09-956-279-5 Sequence 5, Appli
29	14.2	5.6	20	1	US-08-049-473-13 Sequence 13, Appl
30	14.2	5.6	20	1	US-08-312-648-13 Sequence 13, Appl
31	14.2	5.6	20	1	US-08-688-376-6 Sequence 6, Appli
32	14.2	5.6	20	1	US-09-780-172-71 Sequence 71, Appl
33	14.2	5.6	20	1	PCT-US94-04190-13 Sequence 13, Appl

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35	13.8	5.5	17	1	US-08-584-040-5441 Sequence 5441, App
36	13.8	5.5	17	1	US-09-474-432B-668 Sequence 668, App
37	13.8	5.5	17	1	US-09-371-772B-1607 Sequence 1607, App
38	13.8	5.5	17	1	US-09-476-387-667 Sequence 667, App
39	13.8	5.5	17	1	US-09-866-108A-927 Sequence 927, App
40	13.8	5.5	17	1	US-09-866-108A-2593 Sequence 2593, App
41	13.8	5.5	17	1	US-09-866-108A-6611 Sequence 6611, App
42	13.8	5.5	17	1	US-09-866-108A-6612 Sequence 6612, App
43	13.8	5.5	17	1	US-09-866-108A-8648 Sequence 8648, App
44	13.8	5.5	18	1	US-08-585-664B-2592 Sequence 2592, App
45	13.8	5.5	18	1	US-09-213-719-34 Sequence 34, Appli
46	13.8	5.5	18	1	US-09-038-073-5592 Sequence 4473, App
47	13.8	5.5	18	1	US-08-584-040-4473 Sequence 2186, App
48	13.8	5.5	18	1	US-09-371-772B-2186 Sequence 6, Appli
49	13.8	5.5	19	1	US-08-714-626-6 Sequence 6, Appli
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53	13.8	5.5	19	1	US-09-696-791-2381 Sequence 2381, App
54	13.8	5.5	19	1	PCT-US95-04852-6 Sequence 6, Appli
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56	13.4	5.3	17	1	US-08-584-040-5443 Sequence 5443, App
57	13.4	5.3	17	1	US-09-371-772B-1608 Sequence 1608, App
58	13.4	5.3	17	1	US-09-371-772B-2337 Sequence 2337, App
59	13.4	5.3	17	1	US-09-866-108A-931 Sequence 931, App
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61	13.4	5.3	18	1	US-09-280-409-73 Sequence 73, Appl
62	13.4	5.3	18	1	US-09-823-549-44 Sequence 44, Appl
63	13.4	5.3	19	1	US-09-696-791-334 Sequence 334, App
64	13.4	5.3	18	1	US-07-626-923A-8 Sequence 8, Appli
65	13.2	5.2	18	1	US-08-585-664B-2493 Sequence 2493, App
66	13.2	5.2	18	1	US-09-256-486-10 Sequence 10, Appl
67	13.2	5.2	18	1	US-09-280-409-120 Sequence 120, App
68	13.2	5.2	18	1	US-09-213-719-68 Sequence 88, Appl
69	13.2	5.2	18	1	US-09-487-444-30 Sequence 30, Appl
70	13.2	5.2	18	1	US-09-038-073-2493 Sequence 76, Appl
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76	13	5.2	17	1	US-09-866-108A-2592 Sequence 2592, App
77	13	5.2	18	1	US-08-363-240A-1213 Sequence 1213, App
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79	13	5.2	18	1	US-08-117-952-37 Sequence 437, App
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81	13	5.2	18	1	US-09-422-978-7252 Sequence 4272, App
82	12.8	5.1	17	1	US-08-584-040-5442 Sequence 5442, App
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104	12.8	5.1	17	1	US-09-476-387-648 Sequence 448, App
105	12.8	5.1	17	1	US-09-476-387-648 Sequence 448, App
106	12.8	5.1	17	1	US-09-476-387-648 Sequence 448, App

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C 108	12.8	5.1	18 1	US-09-705-267A-173	Patent No. 5187078	C 181	11.8	4.7	15 1	US-08-291-932A-192	Sequence 192, App
C 109	12.8	5.1	18 1	US-09-758-306-1037	Sequence 173, App	C 182	11.8	4.7	15 1	US-08-585-684B-2046	Sequence 2046, App
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C 111	12.4	4.9	17 1	US-08-050-159-45	Sequence 37, Appl	C 184	11.8	4.7	15 1	US-09-474-432B-164	Sequence 164, App
C 112	12.4	4.9	17 1	US-09-050-159-51	Sequence 45, Appl	C 185	11.8	4.7	15 1	US-09-451-356C-19	Sequence 19, Appl
C 113	12.4	4.9	17 1	US-08-584-040-3842	Sequence 51, Appl	C 186	11.8	4.7	15 1	US-09-476-387-164	Sequence 164, App
C 114	12.4	4.9	17 1	US-08-679-645-175	Sequence 3842, Ap	C 187	11.8	4.7	16 1	US-08-291-932A-815	Sequence 815, App
C 115	12.4	4.9	17 1	US-09-371-772B-1609	Sequence 175, App	C 188	11.8	4.7	16 1	US-09-371-772B-5669	Sequence 5669, Ap
C 116	12.4	4.9	17 1	US-09-827-998-1717	Sequence 1609, Ap	C 189	11.8	4.7	16 1	US-09-371-772B-7077	Sequence 7077, Ap
C 117	12.4	4.9	17 1	US-09-827-998-1718	Sequence 1717, Ap	C 190	11.8	4.7	16 1	US-09-371-772B-7112	Sequence 7112, Ap
C 118	12.4	4.9	17 1	US-09-827-998-1719	Sequence 1718, Ap	C 191	11.8	4.7	20 1	US-09-705-267A-174	Sequence 333, App
C 119	12.4	4.9	17 1	US-09-827-998-1720	Sequence 1719, Ap	C 192	11.4	4.5	14 1	US-08-998-069-333	Sequence 333, App
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C 121	12.4	4.9	17 1	US-09-866-108A-8308	Sequence 932, App	C 194	11.4	4.5	15 1	US-08-382-521-3	Sequence 3, Appl1
C 122	12.4	4.9	17 1	US-09-866-108A-8309	Sequence 8308, App	C 195	11.4	4.5	15 1	US-08-469-177-4	Sequence 228, App
C 123	12.4	4.9	17 1	US-09-866-108A-8310	Sequence 8309, Ap	C 196	11.4	4.5	15 1	US-08-241-372-1	Sequence 4, Appl1
C 124	12.4	4.9	17 1	US-09-866-108A-8311	Sequence 8311, Ap	C 197	11.4	4.5	15 1	US-08-241-372-2	Sequence 1, Appl1
C 125	12.4	4.9	17 1	US-09-866-108A-8776	Sequence 8311, Ap	C 198	11.4	4.5	15 1	US-08-241-372-12	Sequence 12, Appl1
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C 129	12.4	4.9	17 1	US-09-866-108A-8779	Sequence 8779, Ap	C 202	11.4	4.5	15 1	US-08-486-962-18	Sequence 18, Appl1
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C 132	12.2	4.8	17 1	US-08-762-500-82	Sequence 82, Appl	C 205	11.4	4.5	15 1	US-08-292-620A-244	Sequence 244, App
C 133	12.2	4.8	17 1	US-09-985-162-428	Sequence 428, App	C 206	11.4	4.5	15 1	US-08-389-926-7	Sequence 6, Appl1
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C 136	12.2	4.8	17 1	US-09-371-772B-6784	Sequence 6784, Ap	C 209	11.4	4.5	15 1	US-08-760-870-3	Sequence 31, Appl1
C 137	12.2	4.8	17 1	US-09-401-063-428	Sequence 428, App	C 210	11.4	4.5	15 1	US-08-594-452-31	Sequence 31, Appl1
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C 141	12.2	4.8	17 1	US-09-866-108A-7525	Sequence 7525, Ap	C 214	11.4	4.5	15 1	US-08-410-390-2	Sequence 2, Appl1
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C 159	12.2	4.8	15 1	US-08-291-932A-16	Sequence 16, Appl	C 232	11.2	4.4	16 1	US-08-488-208A-89	Sequence 89, Appl1
C 160	12.2	4.8	15 1	US-09-275-850-21	Sequence 21, Appl	C 233	11.2	4.4	16 1	US-08-488-208A-89	Sequence 89, Appl1
C 161	12.2	4.8	16 1	US-08-770-235A-28	Sequence 28, Appl	C 234	11.2	4.4	16 1	US-08-479-737-12	Sequence 12, Appl1
C 162	12.2	4.8	16 1	US-09-364-539-10	Sequence 10, Appl	C 235	11.2	4.4	16 1	US-08-488-223A-89	Sequence 89, Appl1
C 163	12.2	4.8	17 1	US-08-286-85C-15	Sequence 15, Appl	C 236	11.2	4.4	16 1	US-08-801-308-3	Sequence 3, Appl1
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C 165	12.2	4.8	17 1	US-09-476-387-762	Sequence 762, App	C 238	11.2	4.4	16 1	US-08-535-249-39	Sequence 39, Appl1
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C 167	12.2	4.8	17 1	US-09-866-108A-8775	Sequence 8775, Ap	C 240	11.2	4.4	16 1	US-09-060-299-443	Sequence 443, App
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C 173	12.2	4.8	17 1	US-09-866-108A-10730	Sequence 10730, A	C 246	11.2	4.4	14 1	US-09-404-912-566	Sequence 2, Appl1
C 174	12.2	4.8	17 1	US-09-866-108A-10731	Sequence 10731, A	C 247	11.2	4.4	14 1	US-08-953-269-2	Sequence 2, Appl1
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C 179	12.2	4.7	15 1	US-08-291-932A-23	Sequence 23, Appl	C 252	11.2	4.4	15 1	US-08-685-484-19	Sequence 19, Appl1

C 233	11	4.4	15	1	US-08-685-484-20	Sequence 20, Appl	C 326	10.8	4.3	15	1	US-08-585-684B-1648	Sequence 1648, Ap
C 234	11	4.4	15	1	US-08-847-108-19	Sequence 19, Appl	C 327	10.8	4.3	15	1	US-08-585-684B-2099	Sequence 2099, Ap
C 255	11	4.4	15	1	US-08-847-108-20	Sequence 20, Appl	C 328	10.8	4.3	15	1	US-08-585-684B-2100	Sequence 2100, Ap
C 256	11	4.4	15	1	US-08-686-113A-32	Sequence 32, Appl	C 329	10.8	4.3	15	1	US-08-585-684B-2295	Sequence 2295, Ap
C 257	11	4.4	15	1	US-08-686-113A-33	Sequence 33, Appl	C 330	10.8	4.3	15	1	US-08-774-310-427	Sequence 227, App
C 258	11	4.4	15	1	US-08-847-095A-19	Sequence 19, Appl	C 331	10.8	4.3	15	1	US-08-913-833-27	Sequence 27, Appl
C 259	11	4.4	15	1	US-08-847-095A-20	Sequence 20, Appl	C 332	10.8	4.3	15	1	US-08-913-833-28	Sequence 28, Appl
C 260	11	4.4	15	1	US-08-311-486C-33	Sequence 33, Appl	C 333	10.8	4.3	15	1	US-09-105-515-1	Sequence 1, Appl
C 261	11	4.4	15	1	US-08-311-486C-34	Sequence 34, Appl	C 334	10.8	4.3	15	1	US-09-064-156A-363	Sequence 363, App
C 262	11	4.4	15	1	US-08-311-486C-35	Sequence 35, Appl	C 335	10.8	4.3	15	1	US-09-071-845-58	Sequence 58, Appl
C 263	11	4.4	15	1	US-08-311-486C-43	Sequence 43, App	C 336	10.8	4.3	15	1	US-09-071-845-108	Sequence 108, App
C 264	11	4.4	15	1	US-08-311-486C-54	Sequence 54, App	C 337	10.8	4.3	15	1	US-09-071-845-194	Sequence 49, App
C 265	11	4.4	15	1	US-08-311-486C-544	Sequence 544, App	C 338	10.8	4.3	15	1	US-09-071-845-595	Sequence 595, App
C 266	11	4.4	15	1	US-08-311-486C-621	Sequence 621, App	C 339	10.8	4.3	15	1	US-09-071-845-595	Sequence 689, App
C 267	11	4.4	15	1	US-08-311-486C-622	Sequence 622, App	C 340	10.8	4.3	15	1	US-09-377-310-480	Sequence 30, Appl
C 268	11	4.4	15	1	US-08-585-684B-1358	Sequence 1358, App	C 341	10.8	4.3	15	1	US-09-038-073-678	Sequence 678, App
C 269	11	4.4	15	1	US-09-038-073-1358	Sequence 1358, App	C 342	10.8	4.3	15	1	US-09-038-073-679	Sequence 679, App
C 270	11	4.4	15	1	US-09-081-646-306	Sequence 306, App	C 343	10.8	4.3	15	1	US-09-038-073-680	Sequence 680, App
C 271	11	4.4	15	1	US-08-686-114B-32	Sequence 32, Appl	C 344	10.8	4.3	15	1	US-09-038-073-797	Sequence 797, App
C 272	11	4.4	15	1	US-08-686-114B-33	Sequence 33, Appl	C 345	10.8	4.3	15	1	US-09-038-073-798	Sequence 798, App
C 273	11	4.4	15	1	US-09-402-048-3	Sequence 3, Appl	C 346	10.8	4.3	15	1	US-09-038-073-1359	Sequence 1359, App
C 274	11	4.4	15	1	US-09-402-048-6	Sequence 6, Appl	C 347	10.8	4.3	15	1	US-09-038-073-1645	Sequence 1645, App
C 275	11	4.4	15	1	US-09-337-304-32	Sequence 32, Appl	C 348	10.8	4.3	15	1	US-09-038-073-1646	Sequence 1646, App
C 276	11	4.4	15	1	US-09-337-304-33	Sequence 33, Appl	C 349	10.8	4.3	15	1	US-09-038-073-1647	Sequence 1647, App
C 277	11	4.4	15	1	US-09-898-210-1	Sequence 1, Appl	C 350	10.8	4.3	15	1	US-09-038-073-1648	Sequence 1648, App
C 278	11	4.4	15	1	US-09-230-088-19	Sequence 19, Appl	C 351	10.8	4.3	15	1	US-09-038-073-2099	Sequence 2099, App
C 279	11	4.4	15	1	US-09-230-088-20	Sequence 20, Appl	C 352	10.8	4.3	15	1	US-09-038-073-2100	Sequence 2100, App
C 280	11	4.4	15	1	US-09-152-059-10	Sequence 10, Appl	C 353	10.8	4.3	15	1	US-09-038-073-2295	Sequence 2295, App
C 281	11	4.4	15	1	US-09-152-059-11	Sequence 11, Appl	C 354	10.8	4.3	15	1	US-09-275-850-25	Sequence 25, Appl
C 282	11	4.4	15	1	US-09-152-059-12	Sequence 12, Appl	C 355	10.8	4.3	15	1	US-09-054-832-29	Sequence 29, Appl
C 283	11	4.4	15	1	US-09-152-059-13	Sequence 13, Appl	C 356	10.8	4.3	15	1	US-09-580-794C-27	Sequence 27, Appl
C 284	11	4.4	15	1	US-09-152-059-14	Sequence 14, Appl	C 357	10.8	4.3	15	1	US-09-580-794C-28	Sequence 28, Appl
C 285	11	4.4	15	1	US-09-152-059-15	Sequence 15, Appl	C 358	10.8	4.3	15	1	US-09-081-646-62	Sequence 62, Appl
C 286	11	4.4	15	1	US-09-152-059-20	Sequence 20, Appl	C 359	10.8	4.3	15	1	US-09-081-646-103	Sequence 103, App
C 287	11	4.4	15	1	US-09-152-059-21	Sequence 21, Appl	C 360	10.8	4.3	15	1	US-09-081-646-104	Sequence 104, App
C 288	11	4.4	15	1	US-09-152-059-53	Sequence 53, Appl	C 361	10.8	4.3	15	1	US-09-081-646-150	Sequence 150, App
C 289	10.8	4.3	14	1	US-08-623-471-10	Sequence 10, Appl	C 362	10.8	4.3	15	1	US-09-081-646-118	Sequence 218, App
C 290	10.8	4.3	14	1	US-08-232-087A-6	Sequence 6, Appl	C 363	10.8	4.3	15	1	US-09-081-646-231	Sequence 231, App
C 291	10.8	4.3	14	1	US-08-613-417A-29	Sequence 29, Appl	C 364	10.8	4.3	15	1	US-09-081-646-441	Sequence 441, App
C 292	10.8	4.3	14	1	US-08-594-452-29	Sequence 29, Appl	C 365	10.8	4.3	15	1	US-09-081-646-465	Sequence 465, App
C 293	10.8	4.3	14	1	US-08-913-833-17	Sequence 17, Appl	C 366	10.8	4.3	15	1	US-09-081-646-574	Sequence 574, App
C 294	10.8	4.3	14	1	US-08-913-833-26	Sequence 26, Appl	C 367	10.8	4.3	15	1	US-09-081-646-833	Sequence 833, App
C 295	10.8	4.3	14	1	US-09-258-408-29	Sequence 29, Appl	C 368	10.8	4.3	15	1	US-09-081-646-855	Sequence 855, App
C 296	10.8	4.3	14	1	US-09-196-132-29	Sequence 29, Appl	C 369	10.8	4.3	15	1	US-09-748-044-1	Sequence 1, Appl
C 297	10.8	4.3	14	1	US-09-765-340-120	Sequence 120, App	C 370	10.8	4.3	15	1	US-09-640-953-29	Sequence 29, Appl
C 298	10.8	4.3	14	1	US-09-580-794C-17	Sequence 17, Appl	C 371	10.8	4.3	15	1	US-09-913-514-21	Sequence 21, Appl
C 299	10.8	4.3	14	1	US-09-580-794C-26	Sequence 26, Appl	C 372	10.8	4.3	15	1	US-09-913-514-21	Sequence 21, Appl
C 300	10.8	4.3	14	1	US-08-666-341A-34	Sequence 34, Appl	C 373	10.8	4.3	15	1	US-09-943-983C-28	Sequence 28, Appl
C 301	10.8	4.3	14	1	US-09-943-983C-17	Sequence 17, Appl	C 374	10.8	4.3	15	1	US-09-866-108A-8650	Sequence 8650, App
C 302	10.8	4.3	14	1	US-09-943-983C-26	Sequence 26, Appl	C 375	10.6	4.2	17	1	US-09-866-108A-7795	Sequence 795, App
C 303	10.8	4.3	15	1	US-08-133-248-3	Sequence 3, Appl	C 376	10.6	4.2	17	1	US-09-866-108A-10730	Sequence 10730, A
C 304	10.8	4.3	15	1	US-08-311-760A-227	Sequence 227, App	C 377	10.4	4.1	12	1	US-08-494-301A-17	Sequence 17, App
C 305	10.8	4.3	15	1	US-08-182-968A-363	Sequence 363, App	C 378	10.4	4.1	12	1	US-08-723-052-1	Sequence 1, Appl
C 306	10.8	4.3	15	1	US-08-291-932A-79	Sequence 79, Appl	C 379	10.4	4.1	12	1	US-09-106-182-71	Sequence 21, Appl
C 307	10.8	4.3	15	1	US-08-363-240A-73	Sequence 73, Appl	C 380	10.4	4.1	12	1	US-09-274-625-1	Sequence 1, Appl
C 308	10.8	4.3	15	1	US-08-363-240A-74	Sequence 74, Appl	C 381	10.4	4.1	12	1	US-09-095-485-2	Sequence 2, Appl
C 309	10.8	4.3	15	1	US-08-311-486C-670	Sequence 670, App	C 382	10.4	4.1	12	1	US-09-274-624-1	Sequence 1, Appl
C 310	10.8	4.3	15	1	US-08-292-620A-58	Sequence 58, Appl	C 383	10.4	4.1	12	1	US-09-400-322-1	Sequence 1, Appl
C 311	10.8	4.3	15	1	US-08-292-620A-108	Sequence 108, App	C 384	10.4	4.1	12	1	US-09-227-357-8	Sequence 8, Appl
C 312	10.8	4.3	15	1	US-08-292-620A-494	Sequence 494, App	C 385	10.4	4.1	12	1	US-09-724-594-1	Sequence 1, Appl
C 313	10.8	4.3	15	1	US-08-292-620A-595	Sequence 595, App	C 386	10.4	4.1	12	1	US-09-280-839-11	Sequence 11, Appl
C 314	10.8	4.3	15	1	US-08-774-306A-363	Sequence 363, App	C 387	10.4	4.1	12	1	US-09-724-695-11	Sequence 11, Appl
C 315	10.8	4.3	15	1	US-08-774-306A-363	Sequence 363, App	C 388	10.4	4.1	12	1	US-09-479-729B-28	Sequence 28, Appl
C 316	10.8	4.3	15	1	US-08-353-476-4	Sequence 4, Appl	C 389	10.4	4.1	12	1	US-09-257-179-8	Sequence 8, Appl
C 317	10.8	4.3	15	1	US-08-585-684B-678	Sequence 678, App	C 390	10.4	4.1	12	1	US-09-724-600-1	Sequence 1, Appl
C 318	10.8	4.3	15	1	US-08-585-684B-679	Sequence 679, App	C 391	10.4	4.1	12	1	US-09-149-476-8	Sequence 8, Appl
C 319	10.8	4.3	15	1	US-08-585-684B-680	Sequence 680, App	C 392	10.4	4.1	12	1	US-09-288-143-8	Sequence 8, Appl
C 320	10.8	4.3	15	1	US-08-585-684B-680	Sequence 680, App	C 393	10.4	4.1	12	1	US-09-487-792-30	Sequence 30, Appl
C 321	10.8	4.3	15	1	US-08-585-684B-798	Sequence 798, App	C 394	10.4	4.1	12	1	US-09-152-060-8	Sequence 8, Appl
C 322	10.8	4.3	15	1	US-08-585-684B-1359	Sequence 1359, App	C 395	10.4	4.1	12	1	US-09-908-594-30	Sequence 30, Appl
C 323	10.8	4.3	15	1	US-08-585-684B-1645	Sequence 1645, App	C 396	10.4	4.1	12	1	US-09-461-325-8	Sequence 8, Appl
C 324	10.8	4.3	15	1	US-08-585-684B-1646	Sequence 1646, App	C 397	10.4	4.1	12	1	US-09-489-847-8	Sequence 8, Appl
C 325	10.8	4.3	15	1	US-08-585-684B-1647	Sequence 1647, App	C 398	10.4	4.1	12	1	US-09-231-788-23	Sequence 23, Appl

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399 10.4 4.1 12 1 US-09-512-363-24 Sequence 24, Appl
400 10.4 4.1 12 1 US-09-176-200-24 Sequence 24, Appl
401 10.4 4.1 12 1 US-09-205-258-8 Sequence 8, Appl
402 10.4 4.1 12 1 US-08-301-037-4 Sequence 4, Appl
403 10.4 4.1 12 1 US-08-466-539-4 Sequence 4, Appl
404 10.4 4.1 12 1 US-09-690-454-8 Sequence 8, Appl
405 10.4 4.1 12 1 US-09-482-271-16 Sequence 16, Appl
406 10.4 4.1 12 1 US-09-482-273-8 Sequence 8, Appl
407 10.4 4.1 12 1 US-09-904-615-8 Sequence 8, Appl
408 10.4 4.1 12 1 US-09-369-247-8 Sequence 8, Appl
409 10.4 4.1 12 1 US-09-148-545-8 Sequence 31, Appl
410 10.4 4.1 12 1 US-09-564-829-31 Sequence 26, Appl
411 10.4 4.1 12 1 US-09-572-406B-26 Sequence 19, Appl
412 10.4 4.1 12 1 US-09-800-729-8 Sequence 19, Appl
413 10.4 4.1 12 1 US-09-557-170A-19 Sequence 11, Appl
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415 10.4 4.1 12 1 US-10-012-342-8 Sequence 8, Appl
416 10.4 4.1 12 1 US-09-716-129-8 Sequence 4, Appl
417 10.4 4.1 12 1 US-08-466-699-4 Sequence 30, Appl
418 10.4 4.1 12 1 US-10-153-064-30 Sequence 24, Appl
419 10.4 4.1 12 1 US-09-915-593-24 Sequence 3, Appl
420 10.4 4.1 12 1 US-10-115-123-8 Sequence 3, Appl
421 10.4 4.1 13 1 US-08-353-476-3 Sequence 19, Appl
422 10.4 4.1 13 1 US-08-913-833-19 Sequence 7, Appl
423 10.4 4.1 13 1 US-09-336-228B-7 Sequence 92, Appl
424 10.4 4.1 13 1 US-09-580-794C-19 Sequence 7, Appl
425 10.4 4.1 13 1 US-09-474-432B-92 Sequence 27, Appl
426 10.4 4.1 13 1 US-09-772-315-7 Sequence 27, Appl
427 10.4 4.1 13 1 US-08-407-620A-27 Sequence 92, Appl
428 10.4 4.1 13 1 US-09-476-387-92 Sequence 32, Appl
429 10.4 4.1 13 1 US-09-943-983C-19 Sequence 23, Appl
430 10.4 4.1 14 1 US-08-722-001-32 Sequence 278, App
431 10.4 4.1 14 1 US-08-985-162-1800 Sequence 1, Appl
432 10.4 4.1 14 1 US-09-275-850-23 Sequence 1, Appl
433 10.4 4.1 14 1 US-09-473-947A-278 Sequence 1800, Ap
434 10.4 4.1 14 1 US-08-301-037-1 Sequence 3, Appl
435 10.4 4.1 14 1 US-08-466-539-1 Sequence 1, Appl
436 10.4 4.1 14 1 US-09-401-063-1800 Sequence 1, Appl
437 10.4 4.1 14 1 US-09-874-601-3 Sequence 1, Appl
438 10.4 4.1 14 1 US-08-466-699-1
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ALIGNMENTS

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RESULT 1
US-09-705-267A-173
; Sequence 173, Application US/09705267A
; Patent No. 6551826
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Susan M. Freier
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF RAID EXPRESSION
; FILE REFERENCE: RTS-0211
; CURRENT APPLICATION NUMBER: US/09/705,267A
; CURRENT FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 177
; SEQ ID NO 173
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-705-267A-173
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Query Match 6.3%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 25;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 1227 CTCGACATGTCGTGG 1242
Db 1 CTCGACATGTCGTGG 16
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RESULT 2
US-09-705-267A-174
; Sequence 174, Application US/09705267A
; Patent No. 6551826
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Susan M. Freier
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF RAID EXPRESSION
; FILE REFERENCE: RTS-0211
; CURRENT APPLICATION NUMBER: US/09/705,267A
; CURRENT FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 177
; SEQ ID NO 174
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-705-267A-174

Query Match 6.3%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 25;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1227 CTCGACATGTCGTGG 1242
Db 4 CTCGACATGTCGTGG 19

RESULT 3
US-09-866-108A-929
; Sequence 929, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A60MICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmeca Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 929
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LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-929

Query Match 6.1%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 22;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1264 ACCTGAAGAGCTGAG 1280
DB 1 AGCTGAAGAGCTGAG 17

RESULT 4
US-08-336-708A-6
Sequence 6, Application US/08336708A
Patent No. 5521295

GENERAL INFORMATION:
APPLICANT: Pacificl, Robert E.
APPLICANT: Thomason, Arlen R.
TITLE OF INVENTION: Hybrid Receptor Molecules
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Amgen Inc.
STREET: 1840 Dehavilland Drive
CITY: Thousand Oaks
STATE: California
COUNTRY: USA
ZIP: 91320-1789

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/336,708A
FILING DATE:

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Oleaki, Nancy
REFERENCE/DOCKET NUMBER: A-241A
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
US-08-336-708A-6

Query Match 6.1%; Score 15.4; DB 1; Length 22;
Best Local Similarity 94.1%; Pred. No. 44;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1256 GCAGCAACGCTGAG 1272
DB 2 GCAGCAACGCTGAG 18

RESULT 5
PCT-US94-06280-6
Sequence 6, Application PC/TUS9406280
GENERAL INFORMATION:

APPLICANT: Amgen Inc.
TITLE OF INVENTION: Hybrid Receptor Molecules
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Amgen Inc.
STREET: Amgen Center
STREET: 1840 Dehavilland Drive
CITY: Thousand Oaks

STATE: California
COUNTRY: USA
ZIP: 91320-1789
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 in., DS, 1.4 MB
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh OS 7.0.
SOFTWARE: Microsoft Word Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/06280
FILING DATE:
CLASSIFICATION:
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single stranded
TOPOLOGY: linear
PCT-US94-06280-6

Query Match 6.1%; Score 15.4; DB 1; Length 22;
Best Local Similarity 94.1%; Pred. No. 44;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1256 GCAGCAACGCTGAG 1272
DB 2 GCAGCAACGCTGAG 18

RESULT 6
US-08-931-858E-234/C
Sequence 234, Application US/08931858E
Patent No. 622022

GENERAL INFORMATION:
APPLICANT: JOHNSON, EUGENE M
APPLICANT: MILBRANDT, JEFFREY D
APPLICANT: KOTZBAUER, PAUL T
APPLICANT: LAMPE, PATRICIA A
APPLICANT: KLEIN, ROBERT
APPLICANT: DESAUVAGE, FRED
TITLE OF INVENTION: PERSEPHIN AND RELATED GROWTH FACTOR
NUMBER OF SEQUENCES: 239
CORRESPONDENCE ADDRESSES:
ADDRESSEE: HOWELL & HAFERKAMP, L.C.
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
CITY: ST. LOUIS
STATE: MO
COUNTRY: USA
ZIP: 63105

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/931,858E
FILING DATE:

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 971486
TELECOMMUNICATION INFORMATION:
TELEPHONE: 314-727-5188
TELEFAX: 314-727-6092
INFORMATION FOR SEQ ID NO: 234:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-931-858E-234

Query Match 6.0%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 38;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1239 CTGGCAGTGTCCGCGCTGCA 1258
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Db 20 CTGGCGCTGGCCCGCGCTGCA 1

RESULT 7
US-09-220-407-234/c
; Sequence 234, Application US/09220407
; Patent No. 6716600
; GENERAL INFORMATION:
; APPLICANT: JOHNSON, EUGENE M
; APPLICANT: MILLERANDT, JEFFREY D
; APPLICANT: KOTZBAUER, PAUL T
; APPLICANT: LAMPE, PATRICIA A
; APPLICANT: KLEIN, ROBERT
; APPLICANT: DESAUVAGE, FRED
; TITLE OF INVENTION: PERSEPHIN AND RELATED GROWTH FACTOR
; NUMBER OF SEQUENCES: 239
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HOWELL & HAFERKAMP, L.C.
; STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
; CITY: ST. LOUIS
; STATE: MO
; COUNTRY: USA
; ZIP: 63105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/220,407
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/931,858
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: HOLLAND, DONALD R.
; REGISTRATION NUMBER: 35,197
; REFERENCE/DOCKET NUMBER: 971486
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 314-727-6092
; TELEFAX: 314-727-5188
; INFORMATION FOR SEQ ID NO: 234:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-09-220-407-234

Query Match 6.0%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 38;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1239 CTGGCAGTGTCCGCGCTGCA 1258
|||||
Db 20 CTGGCGCTGGCCCGCGCTGCA 1

RESULT 8
US-08-338-579A-83
; Sequence 83, Application US/08338579A
; Patent No. 6068975
; GENERAL INFORMATION:
; APPLICANT: Gilliam, T. Conrad

APPLICANT: Tanzi, Rudolph E.
; TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S
; TITLE OF INVENTION: DISEASE GENE
; NUMBER OF SEQUENCES: 107
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10036

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/338,579A
; FILING DATE: June 17, 1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 0575/44011-A-PCT-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 278-0400
; TELEFAX: (212) 391-0525
; TELEX:
; INFORMATION FOR SEQ ID NO: 83:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-338-579A-83

Query Match 6.0%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 43;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1261 AACAGCTGAAGAGGCTGAG 1280
|||||
Db 2 AACGTGTGAAGAGGCTCAG 21

RESULT 9
PCT-US94-09851-83
; Sequence 83, Application PC/TUS9409851
; GENERAL INFORMATION:
; APPLICANT: Gilliam, T. Conrad
; APPLICANT: Tanzi, Rudolph E.
; TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S
; TITLE OF INVENTION: DISEASE GENE
; NUMBER OF SEQUENCES: 92
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10112
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/09851
; FILING DATE:
; CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 05/5/44011-PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 977-9550
TELEFAX: (212) 664-0525
INFORMATION FOR SEQ ID NO: 83:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
PCT-US94-09851-83

Query Match 6.0%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 43;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1261 AACAGCTGGAAGAGGCTGAG 1280
Db 2 AACTGTGGAAGAGGCTCAG 21

RESULT 10
US-09-156-979-46/c
Sequence 46, Application US/09156979
Patent No. 5962672
GENERAL INFORMATION:
APPLICANT: Coweart, Lex M.
TITLE OF INVENTION: ANTISENSE MODULATION OF RHOB EXPRESSION
FILE REFERENCE: RTS-0013
CURRENT APPLICATION NUMBER: US/09/156,979
CURRENT FILING DATE: 1998-09-18
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 46
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-156-979-46

Query Match 5.9%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 36;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1251 CGGCTGCAGCAACAGCTG 1268
Db 18 CGGCTGCATCAACTGCTG 1

RESULT 11
US-09-387-341-107/c
Sequence 107, Application US/09387341
Patent No. 6410323
GENERAL INFORMATION:
APPLICANT: Roberts, M. Luisa
TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene
FILE REFERENCE: ISPH-0404
CURRENT APPLICATION NUMBER: US/09/387,341
CURRENT FILING DATE: 1999-08-31
EARLIER APPLICATION NUMBER: 09/156,424
EARLIER FILING DATE: 1998-09-18
EARLIER APPLICATION NUMBER: 09/156,979
EARLIER FILING DATE: 1998-09-18
EARLIER APPLICATION NUMBER: 09/156,807

EARLIER FILING DATE: 1998-09-18
EARLIER APPLICATION NUMBER: 09/161,015
EARLIER FILING DATE: 1998-09-25
NUMBER OF SEQ ID NOS: 233
SOFTWARE: Patent Ver. 2.0
SEQ ID NO 107
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-387-341-107

Query Match 5.9%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 36;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1251 CGGCTGCAGCAACAGCTG 1268
Db 18 CGGCTGCATCAACTGCTG 1

RESULT 12
US-09-069-886-3/c
Sequence 3, Application US/09069886
Patent No. 6132724
GENERAL INFORMATION:
APPLICANT: Blum, Kenneth
APPLICANT: Comings, David E.
APPLICANT: Ivy, John L.
TITLE OF INVENTION: ALLELIC POLYGENE DIAGNOSIS OF REWARD
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: TX
COUNTRY: USA
ZIP: 77210-4433
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/069,886
FILING DATE: Concurrently Herewith
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Hodgins, Daniel S.
REGISTRATION NUMBER: 31,026
REFERENCE/DOCKET NUMBER: BLUM:002
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
TELEFAX: (512) 474-7577
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-069-886-3

Query Match 5.9%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 47;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1366 AGGCTTACCAAGACAGC 1383
Db 18 AGGTTAACAAGACAGC 1

RESULT 13
US-09-069-886-29/c
; Sequence 29, Application US/09069886
; Patent No. 6132724
; GENERAL INFORMATION:
; APPLICANT: Blum, Kenneth
; APPLICANT: Comings, David E.
; APPLICANT: Ivy, John L.
; TITLE OF INVENTION: ALLELIC POLYGENE DIAGNOSIS OF REWARD
; TITLE OF INVENTION: DEFICIENCY SYNDROME AND TREATMENT
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: TX
; COUNTRY: USA
; ZIP: 77210-4433
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/069,886
; FILING DATE: Concurrently Herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Hodgins, Daniel S.
; REGISTRATION NUMBER: 31,026
; REFERENCE/DOCKET NUMBER: BLUM:002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512)418-3000
; TELEFAX: (512)474-7577
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-069-886-29

Query Match 5.9%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 47;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1366 AGCTTACGAGAGCAGC 1383
DB 18 AGGTTTACGAGAGCAGC 1

RESULT 14
US-08-584-040-5442
; Sequence 5442, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwigen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.

ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Marburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5442:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-5442

Query Match 5.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 38;
Matches 10; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

OY 1301 CAGGTCATCTGGAG 1316
DB 1 CAUGGUCUCUGGAG 16

RESULT 15
US-09-474-432B-669/c
; Sequence 669, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpelesky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot:
; FILE REFERENCE: MEB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; PRIOR FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 669
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-474-432B-669

Query Match 5.7%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 38;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1266 CTGAGAGCGCTGAG 1281

Db 17 CTGAGAGCGCTGAG 2

RESULT 16

US-09-371-772B-2336
; Sequence 2336, Application US/09371772B
; Patent No. 6566127

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Pawco, Pam

; APPLICANT: McSwigen, Jim

; APPLICANT: Stinchcomb, Dan

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

; FILE REFERENCE: MHB00,876-J (237/198)

; CURRENT APPLICATION NUMBER: US/09/371,772B

; PRIOR FILING DATE: 1999-08-10

; PRIOR APPLICATION NUMBER: US 60/005,974

; PRIOR FILING DATE: 1995-10-26

; PRIOR APPLICATION NUMBER: US 08/584,040

; PRIOR FILING DATE: 1996-01-08

; NUMBER OF SEQ ID NOS: 14225

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 2336

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Mus sp.

US-09-371-772B-2336

Query Match 5.7%; Score 14.4; DB 1; Length 17;

Best Local Similarity 62.5%; Pred. No. 38;

Matches 10; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

Qy 1301 CATGTCATCTGTGAG 1316

Db 1 CAUGGUCUCUGUGAG 16

RESULT 17

US-09-476-387-668/C
; Sequence 668, Application US/09476387
; Patent No. 6617438

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Beigelman, Leo

; APPLICANT: Beaudry, Amber

; APPLICANT: Karpelesky, Alex

; APPLICANT: Adamic, Jasenka Matulic

; APPLICANT: Sweedler, Dave

; APPLICANT: Zinner, Shawn

; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleo

; FILE REFERENCE: MHB00-831-C (249/073)

; CURRENT APPLICATION NUMBER: US/09/476,387

; PRIOR FILING DATE: 2001-04-04

; PRIOR APPLICATION NUMBER: 09/474,432

; PRIOR FILING DATE: 1999-12-29

; PRIOR APPLICATION NUMBER: 09/301,511

; PRIOR FILING DATE: 1999-04-28

; PRIOR APPLICATION NUMBER: 09/186,675

; PRIOR FILING DATE: 1998-11-04

; PRIOR APPLICATION NUMBER: 60/083,727

; PRIOR FILING DATE: 1998-04-29

; PRIOR APPLICATION NUMBER: 60/064,866

; NUMBER OF SEQ ID NOS: 1524

; SOFTWARE: PatentIn version 3.0

; LENGTH: 17;
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-668

Query Match 5.7%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 38;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1266 CTGAGAGCGCTGAG 1281

Db 17 CTGAGAGCGCTGAG 2

RESULT 18

US-09-866-108A-928
; Sequence 928, Application US/09866108A
; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: Ji, Yonggang

; APPLICANT: Penn, Sharon G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: ABOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; PRIOR FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263,6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aecomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 928

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-928

Query Match 5.7%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 38;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1264 AGCTGAGAGGCTGA 1279

Db 2 AGCTGAGAGGCTGA 17

RESULT 19

US-09-866-108A-930
; Sequence 930, Application US/09866108A
; Patent No. 6686188

GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: A60614-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 930
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-930

Query Match 5.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 38;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1265 GCTGAAGAGGCTGAG 1280
DB 1 GCTGAAGAGGCTGAG 16

RESULT 20
US-09-696-791-335/C
Sequence 335, Application US/09696791
Patent No. 6770633
GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Tiltz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 335
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: Cdk3 ribozyme binding site
US-09-696-791-335

Query Match 5.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 51;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1260 CAACGCTGGAAGAGG 1275
DB 19 CACGAGCTGGAAGAGG 4

RESULT 21
US-08-800-215C-12/C
Sequence 12, Application US/08800215C
Patent No. 6238915
GENERAL INFORMATION:
APPLICANT: CHIHARA, Kazuo
TITLE OF INVENTION: MUTANT HUMAN GROWTH HORMONES AND THEIR
TITLE OF INVENTION: USES
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESSES:
ADDRESSEE: JACOBSON, PRICE, HOLMAN & STERN
STREET: The Jenifer Building, 400 Seventh St. N.W.
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/800,215C
FILING DATE: 12-FEB-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP JP/50940/96
FILING DATE: 18-JUN-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP JP/178643/96
FILING DATE: 18-JUN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Player, William E.
REGISTRATION NUMBER: 31,409
REFERENCE/DOCKET NUMBER: 10890/Pe0840USO
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-638-6666
TELEFAX: 202-393-5350
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-800-215C-12

Query Match 5.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 59;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1356 AGGCGAGCTGAGGCTT 1371
DB 20 AGGCGAGCTGAGGCTT 5

RESULT 22
US-08-718-388-28
Sequence 28, Application US/08718388
Patent No. 6271362
GENERAL INFORMATION:
APPLICANT: MORIKAWA, MINORU
APPLICANT: HARADA, NAOKI
TITLE OF INVENTION: GENE ENCODING IGG PC REGION-BINDING
US-08-718-388-28

TITLE OF INVENTION: PROTEIN
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIRCH, STEWART, KOLASCH AND BIRCH
STREET: PO BOX 747
CITY: FALLS CHURCH
STATE: VA
COUNTRY: USA
ZIP: 22040-0747
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/718,388
FILING DATE:
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MURPHY JR, GERALD M
REGISTRATION NUMBER: 28,977
REFERENCE/DOCKET NUMBER: 0230-111
TELEPHONE: (703) 205-8000
TELEFAX: (703) 205-8050
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-08-718-388-28

Query Match 5.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 59;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1200 GTGCAGAGGCGCGCA 1215
DB 3 GTGCAGAGGCGCGCA 18

RESULT 23
US-09-607-529-5
Sequence 5, Application US/09607529
Patent No. 6465247
GENERAL INFORMATION:
APPLICANT: Irving Weissman
APPLICANT: David Traver
APPLICANT: Koichi Akashi
TITLE OF INVENTION: MAMMALIAN MYELOID PROGENITOR CELL
FILE REFERENCE: STAN-126
SUBSETS
CURRENT APPLICATION NUMBER: US/09/607,529
CURRENT FILING DATE: 2000-06-29
PRIOR APPLICATION NUMBER: 60/141,421
NUMBER OF SEQ ID NOS: 6
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 5
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-09-607-529-5

Query Match 5.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 59;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1389 TTTCGTGAGCTGCTGG 1404
TTTTTTTTTTTTTTTTTTTT

DB 5 TTTCGTGAGCTGCTGG 20

RESULT 24
US-09-844-525A-34/C
Sequence 34, Application US/09844525A
Patent No. 6468796
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF BIFUNCTIONAL APOPTOSIS REGULATOR EXPRESSION
FILE REFERENCE: RTS-0230
CURRENT APPLICATION NUMBER: US/09/844,525A
CURRENT FILING DATE: 2001-08-20
NUMBER OF SEQ ID NOS: 90
SEQ ID NO 34
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-844-525A-34

Query Match 5.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 59;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1240 TGGCAGTGTCCGGCT 1255
DB 19 TGGCAGTGTCTGCT 4

RESULT 25
US-09-658-688A-60
Sequence 60, Application US/09658688A
Patent No. 6498035
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: William Gaarde
APPLICANT: Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF MEK3 EXPRESSION
FILE REFERENCE: RTS-0143
CURRENT APPLICATION NUMBER: US/09/658,688A
CURRENT FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 8
SEQ ID NO 60
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-688A-60

Query Match 5.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 59;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1356 AGGGCAGCTGAGGCTT 1371
DB 2 AGGGCAGCTGAGGATT 17

RESULT 26
US-09-280-030-45/C
Sequence 45, Application US/09280030A
Patent No. 6506595
GENERAL INFORMATION:
APPLICANT: Sato, Seiji
APPLICANT: Higashikuni, Naohiko
APPLICANT: Kudo, Toshiyuki
APPLICANT: Kondo, Masaaki
TITLE OF INVENTION: DNAS ENCODING NEW FUSION PROTEINS AND PROCESSES FOR

;; TITLE OF INVENTION: PREPARING USEFUL POLYPEPTIDES THROUGH EXPRESSION OF THE
;; FILE REFERENCE: DNAS
;; FILE REFERENCE: 382.1026
;; CURRENT APPLICATION NUMBER: US/09/280,030A
;; CURRENT FILING DATE: 1999-03-26
;; EARLIER APPLICATION NUMBER: JP10-87339/1998
;; EARLIER FILING DATE: 1998-03-31
;; NUMBER OF SEQ ID NOS: 66
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 45
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Homo sapiens
;; PUBLICATION INFORMATION:
;; JOURNAL: Science
;; VOLUME: 205
;; PAGES: 602-607
;; DATE: 1979
;; US-09-280-030-45

Query Match 5.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 59;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1356 AGGCGAGCTGAGGCTT 1371
Db 20 AGGCGAGCTGTGGCTT 5

RESULT 27
US-09-843-376-61
;; Sequence 61, Application US/09843376
;; Patent No. 6566132
;; GENERAL INFORMATION:
;; APPLICANT: C. Frank Bennett
;; APPLICANT: Andrew T. Wate
;; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERFERON GAMMA RECEPTOR 1 EXPRESSION
;; FILE REFERENCE: RTS-0234
;; CURRENT APPLICATION NUMBER: US/09/843,376
;; CURRENT FILING DATE: 2001-04-26
;; NUMBER OF SEQ ID NOS: 88
;; SEQ ID NO 61
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Antisense Oligonucleotide
;; US-09-843-376-61

Query Match 5.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 59;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1256 GCAGCAAGCTGGAA 1271
Db 1 GCAGCAAGCTGGAA 16

RESULT 28
US-09-956-279-5
;; Sequence 5, Application US/09956279
;; Patent No. 6761883
;; GENERAL INFORMATION:
;; APPLICANT: Weisman, Irving L.
;; APPLICANT: Traver, David Jeffrey
;; APPLICANT: Akashi, Koichi
;; TITLE OF INVENTION: MAMMALIAN MYELOID PROGENITOR CELL
;; SUBSETS
;; FILE REFERENCE: STAN126CIP
;; CURRENT APPLICATION NUMBER: US/09/956,279
;; CURRENT FILING DATE: 2001-09-17
;; PRIOR APPLICATION NUMBER: 09/607,529
;; PRIOR FILING DATE: 2000-06-29

;; PRIOR APPLICATION NUMBER: 60/141,421
;; PRIOR FILING DATE: 1999-06-29
;; NUMBER OF SEQ ID NOS: 6
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 5
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Homo sapiens
;; US-09-956-279-5

Query Match 5.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 59;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1389 TTGCTGAGCTGCTGG 1404
Db 5 TTGCTGAGCTGCTGG 20

RESULT 29
US-08-049-473-13/C
;; Sequence 13, Application US/08049473
;; Patent No. 5386021
;; GENERAL INFORMATION:
;; APPLICANT: Moss, Joel
;; APPLICANT: Mishima, Koichi
;; APPLICANT: Nishigale, Maria
;; APPLICANT: Tsuchiya, Mikako
;; TITLE OF INVENTION: A MAMMALIAN GUANIN NUCLEOTIDE BINDING
;; TITLE OF INVENTION: PROTEIN WITH AN ADP-RIBOSYLATION FACTOR DOMAIN
;; NUMBER OF SEQUENCES: 34
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: KNOBE, MARTENS, OLSON AND BEAR
;; STREET: 620 NEWPORT CENTER DRIVE SIXTEENTH FLOOR
;; CITY: NEWPORT BEACH
;; STATE: CA
;; COUNTRY: USA
;; ZIP: 92660
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/049,473
;; FILING DATE: 19930419
;; CLASSIFICATION: 436
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Fuller, Michael L.
;; REGISTRATION NUMBER: 36,516
;; REFERENCE/DOCKET NUMBER: NIH050.001CP1
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 619-235-8550
;; TELEFAX: 619-235-0176
;; INFORMATION FOR SEQ ID NO: 13:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
;; HYPOTHETICAL: NO
;; ANTI-SENSE: NO
;; US-08-049-473-13

Query Match 5.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 65;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1298 TGCATGTCATCTGTGG 1316
Db 20 TGCATGTCATCTGTGG 2

RESULT 30
US-08-312-648-13/C
Sequence 13, Application US/08312648
Patent No. 5514600
GENERAL INFORMATION:
APPLICANT: Moss, Joel
APPLICANT: Mishima, Koichi
APPLICANT: Nishitani, Maria
APPLICANT: Tsuchiya, Mikako
TITLE OF INVENTION: A MAMMALIAN GUANIN NUCLEOTIDE BINDING
TITLE OF INVENTION: PROTEIN WITH AN ADP-RYBOSYLATION FACTOR DOMAIN
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: KNOBBE, MARTENS, OLSON AND BEAR
STREET: 620 NEWPORT CENTER DRIVE SIXTEENTH FLOOR
CITY: NEWPORT BEACH
STATE: CA
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/312,648
FILING DATE:
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/049,473
FILING DATE: 19-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Fuller, Michael L.
REGISTRATION NUMBER: 36,516
REFERENCE/DOCKET NUMBER: NIH050.001DV1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-235-8550
TELEFAX: 619-235-0176
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-312-648-13

Query Match 5.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 65;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1298 TGCATGTCATCTGTGAG 1316
DB 20 TCCTATGCCATCATGTGAG 2

RESULT 31
US-08-688-376-6/C
Sequence 6, Application US/08688376
Patent No. 6018039
GENERAL INFORMATION:
APPLICANT: Satow, Hiroyasu
TITLE OF INVENTION: NOVEL PROCESS FOR PRODUCING SUBSTANCES
TITLE OF INVENTION: IN MAMMARY GLAND OF TRANSGENIC ANIMAL BY USING MC26 GENE
TITLE OF INVENTION: EXPRESSION-REGULATORY REGION
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: DILWORTH & BARBEE
STREET: 4350 LaJolla Village Drive, Suite 300
CITY: San Diego

STATE: CA
COUNTRY: USA
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/688,376
FILING DATE: 30-JUL-1996
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Pepper, Frederick W.
REGISTRATION NUMBER: 31,286
REFERENCE/DOCKET NUMBER: 567-3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4410
TELEFAX: 619-453-2839
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Synthetic DNA"
US-08-688-376-6

Query Match 5.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 65;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1349 CTTTCCCGGCGAGCTGAG 1367
DB 19 CTTCCCTGGAGAGCAGAG 1

RESULT 32
US-09-780-172-71/C
Sequence 71, Application US/09780172
Patent No. 6607916
GENERAL INFORMATION:
APPLICANT: Susan M. Freiler
APPLICANT: Robert McKay
TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-ALPHA EXPRESSION
FILE REFERENCE: RTS-0159
CURRENT APPLICATION NUMBER: US/09/780,172
CURRENT FILING DATE: 2001-02-08
NUMBER OF SEQ ID NOS: 96
SEQ ID NO 71
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-172-71

Query Match 5.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 65;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1190 CCAGAGCCTGTGCAGAG 1208
DB 19 CCTGATGCTGAGCAGAG 1

RESULT 33
PCT-US94-04190-13/C
Sequence 13, Application PC/TUS9404190
GENERAL INFORMATION:
APPLICANT: The Government of the United States of America

APPLICANT: as represented by the Secretary, Department
of Health and Human Services
TITLE OF INVENTION: A MAMMALIAN GUANIN NUCLEOTIDE BINDING
PROTEIN WITH AN ADP-RIBOSYLATION FACTOR DOMAIN
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: KNOBBE, MARTENS, OLSON AND BEAR
STREET: 620 NEWPORT CENTER DRIVE SIXTEENTH FLOOR
CITY: NEWPORT BEACH
STATE: CA
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/04190
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Fuller, Michael L.
REGISTRATION NUMBER: 36,516
REFERENCE/DOCKET NUMBER: NIH050.001QPC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-235-8550
TELEFAX: 619-235-0176
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
PCT-US94-04190-13

Query Match 5.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 65;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1298 TGCCATGTCATCTGTGAG 1316
Db 20 TGCTATGCCATCATGTGAG 2

RESULT 34
US-08-584-040-3840
Sequence 3840, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 3840:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-3840

Query Match 5.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 53;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Qy 1299 GCCATGTCATCTGTGA 1315
Db 1 GGCAUGGUCUUCUGCA 17

RESULT 35
US-08-584-040-5441
Sequence 5441, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:

```

; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5441:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-5441

Query Match      5.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 53;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY      1299 GCCATGCTCATCTGTGA 1315
DB      1 GCGAUGGUCUCUGUGA 17

RESULT 36
US-09-474-432B-668/C
; Sequence 668, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpelsky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; PRIOR FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 668
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-474-432B-668.

Query Match      5.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 53;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1268 GGAAGAGCGTGAAGGCA 1284
DB      17 GGAAGAGCGTGAAGTCA 1

RESULT 37
US-09-371-772B-1607
; Sequence 1607, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
```

```

; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1607
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-1607

Query Match      5.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 53;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY      1299 GCCATGCTCATCTGTGA 1315
DB      1 GCGAUGGUCUCUGUGA 17

RESULT 38
US-09-476-387-667/C
; Sequence 667, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpelsky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBHB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; PRIOR FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 667
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-476-387-667

Query Match      5.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 53;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1268 GGAAGAGCGTGAAGGCA 1284
DB      17 GGAAGAGCGTGAAGTCA 1

RESULT 39
```

```
US-09-866-108A-927
; Sequence 927, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: AeoMica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 927
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-927

Query Match          5.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 53;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy          1262 ACAGCTGGAAGAGGCTG 1278
Db          1 AGAGCTGAAGAGGCTG 17

RESULT 40
US-09-866-108A-2593
; Sequence 2593, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
```

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; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: AeoMica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2593
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2593

Query Match          5.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 53;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy          1293 CAGGTCGATGTCAT 1309
Db          1 CAGGTCGATGAGAT 17

RESULT 41
US-09-866-108A-6611/c
; Sequence 6611, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
```

NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 6611
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-6611

Query Match 5.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 53;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1222 AGAAGCTCCAGCATGTG 1238
17 AGAGCTTCAGCATGTG 1

RESULT 42
US-09-866-108A-6612/c
Sequence 6612, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 6612
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-6612

Query Match 5.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 53;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1221 CAGAACTCCGCGCATGT 1237
17 CAGAGCTTCAGCATGT 1

RESULT 43

US-09-866-108A-8648
Sequence 8648, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8648
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-8648

Query Match 5.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 53;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1254 CTGACGCAACGCTGCA 1270
1 CTGCAGCTGCAGCTGCA 17

RESULT 44

US-08-585-684B-2592/c
Sequence 2592, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California

COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2592:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-2592

Query Match 5.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 61;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1266 CTGGAAGAGCTGAGCG 1282
Db 18 CTGGGGAGGCTGAGCG 2

RESULT 45
US-09-213-719-34
Sequence 34, Application US/09213719B
Patent No. 6150162
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF CD44 EXPRESSION
FILE REFERENCE: RTS-0006
CURRENT APPLICATION NUMBER: US/09/213,719B
CURRENT FILING DATE: 1998-12-17
NUMBER OF SEQ ID NOS: 91
SEQ ID NO 34
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-213-719-34

Query Match 5.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 61;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1401 CTGACACAGCCGGGTGC 1417
Db 1 CTGACATAGCGGTGC 17

RESULT 46
US-09-038-073-2592/C
Sequence 2592, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:

APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2592:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-2592

Query Match 5.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 61;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1266 CTGGAAGAGCTGAGCG 1282
Db 18 CTGGGGAGGCTGAGCG 2

RESULT 47
US-08-584-040-4473/C
Sequence 4473, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: ESCOBEDO, JAIME
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California

COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 4473:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-4473

Query Match 5.5%: Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 61;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1267 TGAAGAGGCTGAGGCG 1283
Db 17 TGGCAGAGGCTGTGGGC 1

RESULT 48
US-09-371-772B-2186/c
Sequence 2186, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2186
LENGTH: 18
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-2186

Query Match 5.5%: Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 61;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1267 TGAAGAGGCTGAGGCG 1283
Db 17 TGGCAGAGGCTGTGGGC 1

Db 17 TGGCAGAGGCTGTGGGC 1

RESULT 49
US-08-714-626-6
Sequence 6, Application US/08714626
Patent No. 5698400
GENERAL INFORMATION:
APPLICANT: Cotton, Richard G.H.
APPLICANT: Youll, Rima
APPLICANT: Kemper, Borries W.
TITLE OF INVENTION: Detection of Mutation by
TITLE OF INVENTION: Resolvase Cleavage
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson
STREET: 225 Franklin Street
CITY: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 502 or 55SX
OPERATING SYSTEM: MS-DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/714,626
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/232,530
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 06253/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 19
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-714-626-6

Query Match 5.5%: Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 71;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1245 GTGGTCGGCTGCAGCA 1261
Db 3 GAGGTGGGCTGCAGCA 19

RESULT 50
US-08-922-169-6
Sequence 6, Application US/08922169
Patent No. 5958692
GENERAL INFORMATION:
APPLICANT: Cotton, Richard G.H.
APPLICANT: Youll, Rima
APPLICANT: Kemper, Borries W.
TITLE OF INVENTION: Detection of Mutation by
TITLE OF INVENTION: Resolvase Cleavage
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson
STREET: 225 Franklin Street
CITY: Boston

```
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 502 or 55SX
OPERATING SYSTEM: MS-DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/922,169
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/232,530
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 06253/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 19
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-922-169-6
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```
Query Match 5.5%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 71;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY 1245 GTGTCGGCTGACGA 1261
Db 3 GAGGTGGGCTGACGA 19
```

```
RESULT 51
US-08-987-418A-4
Sequence 4, Application US/08987418A
Patent No. 6046316
GENERAL INFORMATION:
APPLICANT: Trikha, Mohit
ATTORNEY/AGENT INFORMATION:
NAME: Smith, Deann F.
REGISTRATION NUMBER: 36,683
REFERENCE/DOCKET NUMBER: 4981-097401
TELECOMMUNICATION INFORMATION:
TELEPHONE: (248) 641-1600
TELEFAX: (248) 641-0270
INFORMATION FOR SEQ ID NO: 4:
```

```
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-987-418A-4
```

```
Query Match 5.5%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 71;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY 1266 CTGGAAGAGCTGAGG 1282
Db 1 CTGGAAGAGCTGAGG 17
```

```
RESULT 52
US-09-343-062-4
Sequence 4, Application US/09343062
Patent No. 6218514
GENERAL INFORMATION:
APPLICANT: Trikha, Mohit
ATTORNEY/AGENT INFORMATION:
NAME: Smith, Deann F.
REGISTRATION NUMBER: 36,683
REFERENCE/DOCKET NUMBER: 4981-097401
TELECOMMUNICATION INFORMATION:
TELEPHONE: (248) 641-1600
TELEFAX: (248) 641-0270
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-343-062-4
```

```
Query Match 5.5%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 71;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
OY 1266 CTGGAAGAGCTGAGG 1282
Db 1 CTGGAAGAGCTGAGG 17
```

RESULT 53
US-09-696-791-2381
Sequence 2381, Application US/09696791
Patent No. 6770633
GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Triltz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2381
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: Cyclin F ribozyme binding site
US-09-696-791-2381

Query Match 5.5%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 71;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1271 AGAGCTGAGGCGAG 1287
DB 3 AGAGCTGAGGCGAG 19

RESULT 54
PCT-US95-04852-6
Sequence 6, Application PC/TUS9504852
GENERAL INFORMATION:
APPLICANT: Applied Technology Genetics
APPLICANT: Corporation
TITLE OF INVENTION: Detection of Mutation by
TITLE OF INVENTION: Resolvaase Cleavage
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson
STREET: 225 Franklin Street
CITY: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 502 or 55SX
OPERATING SYSTEM: MS-DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/04852
FILING DATE: 21 April 1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/232,530
FILING DATE: 25 April 1994
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 06253/002WO1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 19
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
PCT-US95-04852-6

Query Match 5.5%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 71;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1245 GTGGTCGGGCTGCAGCA 1261
DB 3 GAGGTCCGGCTGCAGCA 19

RESULT 55
US-08-584-040-3841
Sequence 3841, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 3841:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-3841

Query Match 5.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 60.0%; Pred. No. 65;
Matches 9; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 1301 CATGTCATCTGTGA 1315
DB 1 CAUGGUCUCUGUGA 15

```

RESULT 56
US-08-584-040-5443
; Sequence 5443, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwigen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escodedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Walburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5443:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-584-040-5443
Query Match          5.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 60.0%; Pred. No. 65;
Matches      9; Conservative   5; Mismatches    1; Indels     0; Gaps     0;

QY      1302 ATGTCATCTGTGAG 1316
       |:|:|:|:|:|:|:|:|:|
Db      1 AUGGCUCUCUGAG 15

RESULT 57
US-09-371-772B-1608
; Sequence 1608, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escodedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

```

```

FILE REFERENCE: MBHB00,876-J (237/198)
PRIORITY APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1608
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-1608

Query Match          5.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 60.0%; Pred. No. 65;
Matches 9; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY      1301 CATGTCATCTGTGA 1315
Db      1 CAUGGUCUCUGUGA 15

RESULT 58
US-09-371-772B-2337
Sequence 2337, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
FILE REFERENCE: MBHB00,876-J (237/198)
CURRENT FILING DATE: 1999-08-10
CURRENT APPLICATION NUMBER: US/09/371,772B
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2337
LENGTH: 17
TYPE: RNA
ORGANISM: Mus sp.
US-09-371-772B-2337

Query Match          5.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 60.0%; Pred. No. 65;
Matches 9; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY      1302 ATGTCATCTGTGAG 1316
Db      1 AVEGUCUCUGUGAG 15

RESULT 59
US-09-371-772B-6233
Sequence 6233, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
FILE REFERENCE: MBHB00,876-J (237/198)

```

```

; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6233
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6233

Query Match          5.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 60.0%; Pred. No. 65;
Matches 9; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

Qy      1301 CATGTCATCTGTGA 1315
Db      2 CAUGGUCUCCUGCA 16

RESULT 60
US-09-866-108A-931
; Sequence 931, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: HANZEL, Sharon G.
; APPLICANT: RANK, David K.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See file Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 931
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-931

Query Match          5.3%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 65;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

Qy      1266 CTGGAAGAGCTGAG 1280
Db      1 CTGAAGAGGCTGAG 15

RESULT 61
US-09-357-072-16/c
; Sequence 16, Application US/09357072
; Patent No. 6015712
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Brenda F. Baker
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowart
; TITLE OF INVENTION: ANTISENSE MODULATION OF FADD EXPRESSION
; FILE REFERENCE: RTS-0027
; CURRENT APPLICATION NUMBER: US/09/357,072
; CURRENT FILING DATE: 1999-07-19
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 16
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-357-072-16

Query Match          5.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 76;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1326 GACCTCTTCTCCAG 1340
Db      15 GACCTCTTCTCAG 1

RESULT 62
US-09-280-409-73/c
; Sequence 73, Application US/09280409
; Patent No. 6107092
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowart
; APPLICANT: C. Frank Bennett
; APPLICANT: Bert W. O'Malley
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION
; FILE REFERENCE: RTS-0048
; CURRENT APPLICATION NUMBER: US/09/280,409
; CURRENT FILING DATE: 1999-03-29
; NUMBER OF SEQ ID NOS: 146
; SEQ ID NO 73
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-280-409-73

Query Match          5.3%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 76;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1254 CTGCAGCAGCAGCTG 1268
Db      17 CTGCAGCCACAGCTG 3

RESULT 63
US-09-823-549-44/c
; Sequence 44, Application US/09823549
; Patent No. 6664442
; GENERAL INFORMATION:
; APPLICANT: McConlogue, Lisa C
; APPLICANT: Games, Kate D.
```

APPLICANT: Yednock, Theodore A.
APPLICANT: Hua, Tan
APPLICANT: Messersmith, Elizabeth
APPLICANT: Bard, Frederique
TITLE OF INVENTION: SCREENING MARKERS AND METHODS FOR NEURODEGENERATIVE DISORDERS
FILE REFERENCE: 015270-009110US
CURRENT APPLICATION NUMBER: US/09/823,549
CURRENT FILING DATE: 2001-03-30
PRIOR APPLICATION NUMBER: US 60/193,847
PRIOR FILING DATE: 2000-03-30
NUMBER OF SEQ ID NOS: 85
SOFTWARE: PatentIn version 3.1
SEQ ID NO 44
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: IL-10 reverse primer
US-09-823-549-44

Query Match 5.3%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 87;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1286 AGACCCCTCAGGATGC 1300
Db 16 AGACCCCTCAGGATGC 2

RESULT 64
US-09-696-791-334/c
Sequence 334, Application US/09696791
Patent No. 6770633
GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Titz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 334
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: CDk3 ribozyme binding site
US-09-696-791-334

Query Match 5.3%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 87;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1261 AACAGCTGAAGAGG 1275
Db 19 AGCAGCTGAAGAGG 5

RESULT 65
US-07-626-923A-8/c
Sequence 8, Application US/07626923A
GENERAL INFORMATION:
APPLICANT: Yoshimura, Akiniko
APPLICANT: Longmore, Gregory D.
APPLICANT: Lodish, Harvey
TITLE OF INVENTION: MUTANT EPO RECEPTOR AND USES
TITLE OF INVENTION: THEREFOR
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS: 14
ADDRESS: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
STREET: Two Militia Drive

CITY: Lexington
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/626,923A
FILING DATE: 13 December 1990
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: WH190-08
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
TELEFAX: (617) 861-9540
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULAR TYPE: DNA (genomic)
US-07-626-923A-8

Query Match 5.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 84;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1291 CTCAGGTGCATGATCA 1308
Db 18 CTCAGAGGCCAGATCA 1

RESULT 66
US-08-585-684B-2493/c
Sequence 2493, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 613 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Walburg, Richard
REGISTRATION NUMBER: 32,327

```
/ REFERENCE/DOCKET NUMBER: 218/078
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 2493:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-585-684B-2493

Query Match          5.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 84;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1256 GCACGACAGCTGGAAGA 1273
Db      18 GCACCAAGAGCTGAAGA 1

RESULT 67
US-09-256-496-10
; Sequence 10, Application US/09256496
; Patent No. 5998206
; GENERAL INFORMATION:
; APPLICANT: Lex M. Coweart
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-12 EXPRESSION
; FILE REFERENCE: RTS-0056
; CURRENT APPLICATION NUMBER: US/09/256,496
; CURRENT FILING DATE: 1999-02-23
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-256-496-10

Query Match          5.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 84;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1264 AGCTGGAGAGCGCTGAGC 1281
Db      1 AGCAGCGACGCGCTGAGC 18

RESULT 68
US-09-280-409-120/c
; Sequence 120, Application US/09280409
; Patent No. 6107092
; GENERAL INFORMATION:
; APPLICANT: Lex M. Coweart
; APPLICANT: C. Frank Bennett
; APPLICANT: Bert W. O'Malley
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION
; FILE REFERENCE: RTS-0048
; CURRENT APPLICATION NUMBER: US/09/280,409
; CURRENT FILING DATE: 1999-03-29
; NUMBER OF SEQ ID NOS: 146
; SEQ ID NO 120
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-280-409-120

Query Match          5.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 84;
```

```
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1378 AGCAGCTGCTTTGCTG 1395
Db      18 AGCAGCTGTGTGGATG 1

RESULT 69
US-09-213-719-88
; Sequence 88, Application US/09213719B
; Patent No. 6150162
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Coweart
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD44 EXPRESSION
; FILE REFERENCE: RTS-0006
; CURRENT APPLICATION NUMBER: US/09/213,719B
; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 88
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-213-719-88

Query Match          5.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 84;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1185 GAGTCCGAGAGCCGTGTG 1202
Db      1 GTCTCCAGAGCATCTG 18

RESULT 70
US-09-487-444-30/c
; Sequence 30, Application US/09487444
; Patent No. 6159697
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Coweart
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD7 EXPRESSION
; FILE REFERENCE: RTS-0133
; CURRENT APPLICATION NUMBER: US/09/487,444
; CURRENT FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 30
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-444-30

Query Match          5.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 84;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1405 ACAGCGCGGTGCTGAGC 1422
Db      18 ACAGAGCTGTAGCTGAGC 1

RESULT 71
US-09-038-073-2493/c
; Sequence 2493, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, James
```

```
/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
/ TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
/ TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
/ NUMBER OF SEQUENCES: 2751
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: FASTSEQ Version 1.5
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/038,073
/ FILING DATE:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/585,684
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/078
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 2493:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
US-09-038-073-2493

Query Match          5.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 84;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy      1256 GCAGCAGACGCTGGAAGA 1273
Db      18 GCACCAAGAGCTGAAGA 1
```

```
RESULT 72
US-09-071-433-76/c
/ Sequence 76, Application US/09071433A
/ Patent No. 6197564
/ GENERAL INFORMATION:
/ APPLICANT: Bennett, C. Frank
/ TITLE OF INVENTION: Antisense Modulation of CD40 Expression
/ FILE REFERENCE: RTS-0002
/ CURRENT APPLICATION NUMBER: US/09/071,433A
/ NUMBER OF SEQ ID NOS: 91
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 76
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-071-433-76
```

```
Query Match          5.2%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 84;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy      1337 CAAGCAGAGACTTCC 1354
Db      18 CAGTCAGAGACTTAC 1
```

```
RESULT 73
US-09-866-108A-2589
/ Sequence 2589, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSTIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: ABOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 1575
/ SOFTWARE: Aeomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 2589
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-2589
```

```
Query Match          5.2%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 81;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      1293 CAGGTCGATCG 1305
Db      5 CAGGTCGATCG 17
```

```
RESULT 74
US-09-866-108A-2590
/ Sequence 2590, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
```



```

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2590
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2590

```

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Query Match          5.2%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 81;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1293 CAGGTGCGCATGG 1305
Db      4 CAGGTGCGCATGG 16

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RESULT 75
US-09-866-108A-2591
; Sequence 2591, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30

```

```

; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2591
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2591

```

```

Query Match          5.2%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 81;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

QY      1293 CAGGTGCGCATGG 1305
Db      3 CAGGTGCGCATGG 15

```

```

RESULT 76
US-09-866-108A-2592
; Sequence 2592, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2592
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2592

```

```

Query Match          5.2%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 81;

```

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1293 CAGGATGCCATGG 1305
|||||
Db 2 CAGGATGCCATGG 14

RESULT 77
US-08-363-240A-1213/C
; Sequence 1213, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwigen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,240A
; FILING DATE: December 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Wardburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1213:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-363-240A-1213

Query Match 5.2%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 94;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1389 TTTGCTGAGCTGC 1401
|||||
Db 17 TTTGCTGAGCTGC 5

RESULT 78
US-08-311-486C-1060/C
; Sequence 1060, Application US/08311486C
; Patent No. 5811300
; GENERAL INFORMATION:
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth Draper

APPLICANT: Kevin Kisich
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwigen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF-
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/311,486C
; FILING DATE: September 23, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Wardburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/166
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1060:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-311-486C-1060

Two

Query Match 5.2%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 94;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1269 GAAGAGGCTGAGC 1281
|||||
Db 15 GAAGAGGCTGAGC 3

RESULT 79
US-08-117-952-437/C
; Sequence 437, Application US/08117952
; Patent No. 5851760
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; APPLICANT: Smith, Michael W.
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA

COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,952
FILING DATE: 07-SEP-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/078,471
FILING DATE: 15-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.
REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: P41 9423
TELEPHONE: 619-546-4737
TELEFAX: 619-546-9392
INFORMATION FOR SEQ ID NO: 437:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Oligonucleotide
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-117-952-437

Query Match 5.2% Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 94;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1200 GTGCAGAGGGCAG 1212
Db 18 GTGCAGAGGGCAG 6

RESULT 80
US-09-205-922-17/c
; Sequence 17, Application US/09205922
; Patent No. 5951455
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-11 EXPRESSION
; FILE REFERENCE: RTS-0030
; CURRENT APPLICATION NUMBER: US/09/205,922
; CURRENT FILING DATE: 1998-12-04
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 17
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-922-17

Query Match 5.2% Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 94;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1375 AGAAGCAGCTGCG 1387
Db 18 AGAAGCAGCTGCG 6

RESULT 81
US-09-422-978-4727/c
; Sequence 4727, Application US/09422978
; Patent No. 6537751

GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4727
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-17363 for SEQ 793,
US-09-422-978-4727

Query Match 5.2% Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 94;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1327 ACCTCTCTCCAA 1339
Db 13 ACCTCTCTCCAA 1

RESULT 82
US-08-584-040-7252/c
; Sequence 7252, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwigen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Wardburg, Richard J.
; REGISTRATION NUMBER: 32,327

```

; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7252:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-7252

Query Match          5.1%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 90;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1280 GGGCAGAGACCCCTCAG 1295
Db      16 GGGCAGAGACCATGAG 1

RESULT 83
US-09-474-432B-449
; Sequence 449, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpelesky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; PRIOR FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 449
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-449

Query Match          5.1%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 90;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY      1392 GCTGAGCTGCTGAGACA 1407
Db      1 GCUCGCGUCGCGAGACA 16

RESULT 84
US-09-474-432B-503
; Sequence 503, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber

; APPLICANT: Karpelesky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; PRIOR FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 503
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-503

Query Match          5.1%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 90;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY      1305 GTCATCTGTGAGACAGC 1320
Db      2 GGCAUCUGAGCGCGC 17

RESULT 85
US-09-371-772B-3061/C
; Sequence 3061, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Payco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3061
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3061

Query Match          5.1%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 90;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1280 GGGCAGAGACCCCTCAG 1295
Db      16 GGGCAGAGACCATGAG 1

RESULT 86
US-09-371-772B-6458/C
; Sequence 6458, Application US/09371772B
; Patent No. 6566127
```

```
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Pavco, Pam
/ APPLICANT: McSwiggen, Jim
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
/ FILE REFERENCE: MHB00.876-J (237/198)
/ CURRENT APPLICATION NUMBER: US/09/371,772B
/ PRIOR FILING DATE: 1999-08-10
/ PRIOR APPLICATION NUMBER: US 60/005,974
/ PRIOR FILING DATE: 1995-10-26
/ PRIOR APPLICATION NUMBER: US 08/584,040
/ PRIOR FILING DATE: 1996-01-08
/ NUMBER OF SEQ ID NOS: 14225
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 6458
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-371-772B-6458

Query Match          5.1%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 90;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1267 TCGAAGAGCTGTGAGG 1282
Db      16  TGGCAGAGCTGTGTGG 1

RESULT 87
US-09-476-387-448
/ Sequence 448, Application US/09476387
/ Patent No. 6617438
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Beigelman, Leo
/ APPLICANT: Beaudry, Amber
/ APPLICANT: Karpelsky, Alex
/ APPLICANT: Adamic, Jasenka Matulic
/ APPLICANT: Sweedler, Dave
/ APPLICANT: Zinnen, Shawn
/ TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
/ FILE REFERENCE: MHB00-831-C (249/073)
/ CURRENT APPLICATION NUMBER: US/09/476,387
/ PRIOR FILING DATE: 2001-04-04
/ PRIOR APPLICATION NUMBER: 09/474,432
/ PRIOR FILING DATE: 1999-12-29
/ PRIOR APPLICATION NUMBER: 09/301,511
/ PRIOR FILING DATE: 1999-04-28
/ PRIOR APPLICATION NUMBER: 09/186,675
/ PRIOR FILING DATE: 1998-11-04
/ PRIOR APPLICATION NUMBER: 60/083,727
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/064,866
/ PRIOR FILING DATE: 1997-11-05
/ NUMBER OF SEQ ID NOS: 1524
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 448
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-476-387-448

Query Match          5.1%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 90;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;
```

```
RESULT 88
US-09-476-387-502
/ Sequence 502, Application US/09476387
/ Patent No. 6617438
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Beigelman, Leo
/ APPLICANT: Beaudry, Amber
/ APPLICANT: Karpelsky, Alex
/ APPLICANT: Adamic, Jasenka Matulic
/ APPLICANT: Sweedler, Dave
/ APPLICANT: Zinnen, Shawn
/ TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
/ FILE REFERENCE: MHB00-831-C (249/073)
/ CURRENT APPLICATION NUMBER: US/09/476,387
/ PRIOR FILING DATE: 2001-04-04
/ PRIOR APPLICATION NUMBER: 09/474,432
/ PRIOR FILING DATE: 1999-12-29
/ PRIOR APPLICATION NUMBER: 09/301,511
/ PRIOR FILING DATE: 1999-04-28
/ PRIOR APPLICATION NUMBER: 09/186,675
/ PRIOR FILING DATE: 1998-11-04
/ PRIOR APPLICATION NUMBER: 60/083,727
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/064,866
/ PRIOR FILING DATE: 1997-11-05
/ NUMBER OF SEQ ID NOS: 1524
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 502
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-476-387-502

Query Match          5.1%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 90;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy      1305 GTCATCTGTGAGCAGC 1320
Db      2  GGCAUCUCUGAGCUCGC 17

RESULT 89
US-09-866-108A-926
/ Sequence 926, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: A60MICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263,6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
```

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; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 926
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-926

Query Match      5.1%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 90;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1262 ACAGCTGAGAGAGCT 1277
Db      2 AGAGCTGAAAGAGCT 17

RESULT 90
US-09-866-108A-1962
; Sequence 1962, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1962
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1962
```

```
Query Match      5.1%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 90;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1392 GCTGAGCTGCTGCACA 1407
Db      2 GCTCAGCTGCTGCACA 17

RESULT 91
US-09-866-108A-1963
; Sequence 1963, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1963
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1963

Query Match      5.1%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 90;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1392 GCTGAGCTGCTGCACA 1407
Db      1 GCTCAGCTGCTGCACA 16

RESULT 92
US-09-866-108A-2594
; Sequence 2594, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
```

```
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wenheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 2594
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108A-2594

Query Match
Best Local Similarity 5.1%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1294 AGGGTCCATGTCAT 1309
Db 1 AGGGTCCATGAGAT 16

RESULT 93
US-09-866-108A-6610/C
/ Sequence 6610, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wenheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 6613
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108A-6613
```

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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 6610
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108A-6610

Query Match
Best Local Similarity 5.1%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1223 GAACCTCCAGCATGTG 1238
Db 17 GAGCTCCAGCATGTG 2

RESULT 94
US-09-866-108A-6613/C
/ Sequence 6613, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wenheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 6613
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108A-6613
```

```
Query Match      5.1%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 90;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      1221 CAGAACCTCCAGCATG 1236
      ||| ||| ||| ||| ||| ||| |||
Db      16 CAGACCTCCAGGATG 1

RESULT 95
US-09-866-108A-7346
; Sequence 7346, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7346
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7346

Query Match      5.1%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 90;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      1261 AACAGCTGGAGAGGC 1276
      ||| ||| ||| ||| ||| ||| |||
Db      2 AACAGTTGGAAGAGC 17

RESULT 96
US-09-866-108A-7347
; Sequence 7347, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7347
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7347

Query Match      5.1%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 90;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      1261 AACAGCTGGAGAGGC 1276
      ||| ||| ||| ||| ||| ||| |||
Db      1 AACAGTTGGAAGAGC 16

RESULT 97
US-09-866-108A-7797
; Sequence 7797, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7347
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7347
```



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/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 7797
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-7797

Query Match
Best Local Similarity 5.1%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1253 GCTGCAGCAACAGCTG 1268
Db 2 GCTTCAGCAGCAGCTG 17

RESULT 98
US-09-866-108A-7798
/ Sequence 7798, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wenheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AECOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 7798
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
```

```
US-09-866-108A-7798

Query Match
Best Local Similarity 5.1%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1253 GCTGCAGCAACAGCTG 1268
Db 1 GCTTCAGCAGCAGCTG 16

RESULT 99
US-09-866-108A-8647
/ Sequence 8647, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wenheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AECOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 8647
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-8647

Query Match
Best Local Similarity 5.1%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1254 CTGCAGCAACAGCTG 1269
Db 2 CTGCAGCTGCAGCTG 17

RESULT 100
US-09-866-108A-8649
/ Sequence 8649, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
```

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APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOmica-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8649
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-8649

Query Match          5.1% Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 90;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0,

QY      1255 TGCAGCAACGCTGGA 1270
        ||||| |||||
Db       1   TCGAGCTGCACTGGA 16

RESULT 101
US-09-866-108A-9346
Sequence 9346; Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOmica-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667

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      / PRIOR FILING DATE: 2001-01-30
      / PRIOR APPLICATION NUMBER: PCT/US01/00664
      / PRIOR FILING DATE: 2001-01-30
      / PRIOR APPLICATION NUMBER: PCT/US01/00669
      / PRIOR FILING DATE: 2001-01-30
      / PRIOR APPLICATION NUMBER: PCT/US01/00665
      / PRIOR FILING DATE: 2001-01-30
      / PRIOR APPLICATION NUMBER: PCT/US01/00668
      / PRIOR FILING DATE: 2001-01-30
      / PRIOR APPLICATION NUMBER: PCT/US01/00663
      / Remaining Prior Application data removed - See File Wrapper or PALM.
      / NUMBER OF SEQ ID NOS: 15755
      / SOFTWARE: Acomica Sequence Listing Engine
      / Patent No. 6686188
      / SEQ ID NO 9346
      / LENGTH: 17
      / TYPE: DNA
      / ORGANISM: Homo sapiens
      / US-09-866-108A-9346

Query Match          5.1%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 90;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1269 GAAGAGGCTGAGCGCA 1284
        |||||
Db       2   GAAGAGGCTGGAGACA 17

RESULT 102
US-09-866-108A-9347
/ Sequence 9347, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: ABOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Acomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 9347
/ LENGTH: 17
/ TYPE: DNA

```

ORGANISM: Homo sapiens
US-09-866-108A-9347

Query Match 5.1%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 90;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1269 GAGAGGCTGAGGACA 1284
DB 1 GAGAGGCTGGGACACA 16

RESULT 103

US-08-411-796-535/c
Sequence 535, Application US/08411796
Patent No. 5677149

GENERAL INFORMATION:

APPLICANT: Abrams, Mark A.

APPLICANT: Bauer, S. C.

APPLICANT: Braford-Goldberg, Sarah R.

APPLICANT: Caparon, Maitre H.

APPLICANT: Easton, Alan M.

APPLICANT: Klein, Barbara K.

APPLICANT: McKearn, John P.

APPLICANT: Oline, Peter O.

APPLICANT: Paik, Kumman

APPLICANT: Polazzi, Joseph O.

APPLICANT: Thomas, John W.

TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides

NUMBER OF SEQUENCES: 549

CORRESPONDENCE ADDRESS:

ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,

STREET: P. O. Box 5110

CITY: Chicago

STATE: Illinois

COUNTRY: USA

ZIP: 60680

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/411,796

FILING DATE:

CLASSIFICATION: 424

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/981044

FILING DATE: 24-NOV-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US93/11198

FILING DATE: 22-NOV-1993

ATTORNEY/AGENT INFORMATION:

NAME: Bennett, Dennis A.

REGISTRATION NUMBER: 34,547

REFERENCE/DOCKET NUMBER: C2113/1

TELEPHONE: (708) 470-6501

TELEFAX: (708) 470-6881

INFORMATION FOR SEQ ID NO: 535:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (synthetic)

US-08-411-796-535

Query Match 5.1%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1337 CAAGCAGAGACTTT 1352
DB 17 CATGCACGAGATT 2

RESULT 104
US-08-363-240A-1221/c
Sequence 1221, Application US/08363240A
Patent No. 5705388

GENERAL INFORMATION:

APPLICANT: Couture, Larry

APPLICANT: McSwigen, James

APPLICANT: Biegiel, Charles

APPLICANT: Pape, Michael

TITLE OF INVENTION: METHOD AND REAGENT FOR

TITLE OF INVENTION: PREVENTION, INHIBITION OF

TITLE OF INVENTION: PROGRESSION AND REGRESSION

NUMBER OF SEQUENCES: 1243

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/363,240A

FILING DATE: December 23, 1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 210/096

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

INFORMATION FOR SEQ ID NO: 1221:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-363-240A-1221

Query Match 5.1%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1202 GAGAGGCGAGCCATC 1217
DB 16 GAGAGGCGAGCCATC 1

RESULT 105
US-08-471-039-535/c
Sequence 535, Application US/08471039
Patent No. 6017523

GENERAL INFORMATION:

APPLICANT: Abrams, Mark A.

APPLICANT: Bauer, S. C.

APPLICANT: Braford-Goldberg, Sarah R.

APPLICANT: Caparon, Maitre H.

```

; APPLICANT: Easton, Alan M.
; APPLICANT: Klein, Barbara K.
; APPLICANT: McKearn, John P.
; APPLICANT: Olin, Peter O.
; APPLICANT: Paik, Kumman
; APPLICANT: Polazzi, Joseph O.
; APPLICANT: Thomas, John W.
; TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides
; NUMBER OF SEQUENCES: 549
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
; STREET: P. O. Box 5110
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60680
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/471,039
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/981,044
; FILING DATE: 24-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/11198
; FILING DATE: 22-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Bennett, Dennis A.
; REGISTRATION NUMBER: 34,547
; REFERENCE/DOCKET NUMBER: C2713/5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (708) 470-6881
; INFORMATION FOR SEQ ID NO: 535:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
; US-08-471-039-535

Query Match          5.1%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1337 CAAGCAGAGACTTT 1352
DB      17 CATGCAGAGACTTTT 2

RESULT 106
US-08-559-390-535/C
; Sequence 535, Application US/08559390
; Patent No. 6479261
; GENERAL INFORMATION:
; APPLICANT: Abrams, Mark A.
; APPLICANT: Bauer, S. C.
; APPLICANT: Bradford-Goldberg, Sarah R.
; APPLICANT: Caparon, Maïre H.
; APPLICANT: Easton, Alan M.
; APPLICANT: Klein, Barbara K.
; APPLICANT: McKearn, John P.
; APPLICANT: Olin, Peter O.
; APPLICANT: Paik, Kumman
; APPLICANT: Polazzi, Joseph O.
; APPLICANT: Thomas, John W.
```

```

; TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides
; NUMBER OF SEQUENCES: 549
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
; STREET: P. O. Box 5110
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60680
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/559,390
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/411,796
; FILING DATE:
; APPLICATION NUMBER: US 07/981044
; FILING DATE: 24-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/11198
; FILING DATE: 22-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Bennett, Dennis A.
; REGISTRATION NUMBER: 34,547
; REFERENCE/DOCKET NUMBER: C2713/1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (708) 470-6501
; TELEFAX: (708) 470-6881
; INFORMATION FOR SEQ ID NO: 535:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
; US-08-559-390-535

Query Match          5.1%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1337 CAAGCAGAGACTTT 1352
DB      17 CATGCAGAGACTTTT 2

RESULT 107
PCT-US93-11198-535/C
; Sequence 535, Application PC/TUS9311198
; GENERAL INFORMATION:
; APPLICANT: Abrams, Mark A.
; APPLICANT: Bauer, S. C.
; APPLICANT: Bradford-Goldberg, Sarah R.
; APPLICANT: Caparon, Maïre H.
; APPLICANT: Easton, Alan M.
; APPLICANT: Klein, Barbara K.
; APPLICANT: McKearn, John P.
; APPLICANT: Olin, Peter O.
; APPLICANT: Paik, Kumman
; APPLICANT: Polazzi, Joseph O.
; APPLICANT: Thomas, John W.
; TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides
; NUMBER OF SEQUENCES: 549
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
; STREET: P. O. Box 5110
```

CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60680
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/11198
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/981044
FILING DATE: 24-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Bennett, Dennis A.
REGISTRATION NUMBER: 34,547
REFERENCE/DOCKET NUMBER: C2713/1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (708)470-6501
TELEFAX: (708)470-6881
INFORMATION FOR SEQ ID NO: 535:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (synthetic)
PCT-US93-11198-535

Query Match 5.1%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 1337 CAAGCAGAGACTTT 1352
DB 17 CATGCAGAGACTTT 2

RESULT 108
5187078-13
PATENT NO. 5187078
APPLICANT: OHTA, MASAMI;MIZOGUCHI, JUNZO;ONOZAWA, TAKASHI
TITLE OF INVENTION: PLASMA-TYPE GLUTATHIONE PEROXIDASE GENE
AND APPLICATION OF THE SAME
NUMBER OF SEQUENCES: 24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/540,115
FILING DATE: 19-JUN-1990
SEQ ID NO:13:
LENGTH: 18
5187078-13

Query Match 5.1%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 1246 TGGTCGGCTGCAGCA 1261
DB 2 TGGCCCGGCTGTGCA 17

RESULT 109
US-09-705-267A-173/C
SEQUENCE 173, Application US/09705267A
PATENT NO. 6551826
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Susan M. Freier
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXPRESSION

FILE REFERENCE: RTS-0211
CURRENT APPLICATION NUMBER: US/09/705,267A
CURRENT FILING DATE: 2000-11-01
NUMBER OF SEQ ID NOS: 177
SEQ ID NO 173
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-705-267A-173

Query Match 5.1%; Score 12.8; DB 1; Length 20;
Best Local Similarity 87.5%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 1227 CTCGACATGCTGCG 1242
DB 18 CTCGACATGCTGCG 3

RESULT 110
US-08-758-306-1037
SEQUENCE 1037, Application US/08758306
PATENT NO. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwigen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESS: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Waiburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1037:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-1037

Query Match 4.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 1.1e+02;

Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
QY 1285 GAGACCTCAGGCT 1298
|||||:|||||:
Db 1 GAGACCTCAGGCT 14

RESULT 111

US-08-445-515-37/c
; Sequence 37, Application US/08445515
; Patent No. 6043088
; GENERAL INFORMATION:
; APPLICANT: Bookstein, Robert
; APPLICANT: Isaacs, William B.
; TITLE OF INVENTION: A No. 6043088el Prostate/Colon Tumor Suppressor
; TITLE OF INVENTION: Gene Located on Human Chromosome 8
; NUMBER OF SEQUENCES: 59
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell and Flores
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/445,515
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-CJ 1607
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-445-515-37

Query Match 4.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1373 CCAGAGCAGCTGC 1386
|||||:|||||:
Db 17 CCAGAGCAGGATC 4

US-09-050-159-45

; Sequence 45, Application US/09050159A
; Patent No. 6197505
; GENERAL INFORMATION:
; APPLICANT: No. 6197505berg, Leif T
; APPLICANT: Anderson, Maria K
; APPLICANT: Linstrom, Per H
; TITLE OF INVENTION: METHODS FOR ASSESSING CARDIOVASCULAR STATUS AND
; TITLE OF INVENTION: COMPOSITIONS FOR USE THEREOF
; FILE REFERENCE: 1248/1D042
; CURRENT APPLICATION NUMBER: US/09/050,159A
; CURRENT FILING DATE: 1998-03-27
; EARLIER APPLICATION NUMBER: 60/042,930
; EARLIER FILING DATE: 1987-04-03
; NUMBER OF SEQ ID NOS: 133

RESULT 112

US-09-050-159-45
; Sequence 45, Application US/09050159A
; Patent No. 6197505
; GENERAL INFORMATION:
; APPLICANT: No. 6197505berg, Leif T
; APPLICANT: Anderson, Maria K
; APPLICANT: Linstrom, Per H
; TITLE OF INVENTION: METHODS FOR ASSESSING CARDIOVASCULAR STATUS AND
; TITLE OF INVENTION: COMPOSITIONS FOR USE THEREOF
; FILE REFERENCE: 1248/1D042
; CURRENT APPLICATION NUMBER: US/09/050,159A
; CURRENT FILING DATE: 1998-03-27
; EARLIER APPLICATION NUMBER: 60/042,930
; EARLIER FILING DATE: 1987-04-03
; NUMBER OF SEQ ID NOS: 133

; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 45
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR PRIMER
; US-09-050-159-45

Query Match 4.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CGGCTGCAGCAACA 1264
|||||:|||||:
Db 4 CGGACGACGACACA 17

RESULT 113

US-09-050-159-51
; Sequence 51, Application US/09050159A
; Patent No. 6197505
; GENERAL INFORMATION:
; APPLICANT: No. 6197505berg, Leif T
; APPLICANT: Anderson, Maria K
; APPLICANT: Linstrom, Per H
; TITLE OF INVENTION: METHODS FOR ASSESSING CARDIOVASCULAR STATUS AND
; TITLE OF INVENTION: COMPOSITIONS FOR USE THEREOF
; FILE REFERENCE: 1248/1D042
; CURRENT APPLICATION NUMBER: US/09/050,159A
; CURRENT FILING DATE: 1998-03-27
; EARLIER APPLICATION NUMBER: 60/042,930
; EARLIER FILING DATE: 1987-04-03
; NUMBER OF SEQ ID NOS: 133
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 51
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR PRIMER
; US-09-050-159-51

Query Match 4.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CGGCTGCAGCAACA 1264
|||||:|||||:
Db 4 CGGACGACGACACA 17

US-08-584-040-3842

; Sequence 3842, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwigen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California

RESULT 114

US-08-584-040-3842
; Sequence 3842, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwigen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California

COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/584,040
 FILING DATE: January 11, 1996
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/005,974
 FILING DATE: October 26, 1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 218/064
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 3842:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

```

      1 APPLICATION NUMBER: US/08/679,645
      2 FILING DATE: July 12, 1996
      3 CLASSIFICATION: 800
      4 PRIOR APPLICATION DATA:
      5 APPLICATION NUMBER: 60/001,135
      6 FILING DATE: July 13, 1995
      7 APPLICATION NUMBER: 08/300,726
      8 FILING DATE: September 2, 1994
      9 ATTORNEY/AGENT INFORMATION:
     10 NAME: Warburg, Richard J.
     11 REGISTRATION NUMBER: 32,327
     12 REFERENCE/DOCKET NUMBER: 219/247
     13 TELECOMMUNICATION INFORMATION:
     14 TELEPHONE: (213) 489-1600
     15 TELEFAX: (213) 955-0440
     16 TELEX: 67-3510
     17 INFORMATION FOR SEQ ID NO: 175:
     18 SEQUENCE CHARACTERISTICS:
     19 LENGTH: 17 base pairs
     20 TYPE: nucleic acid
     21 STRANDEDNESS: single
     22 TOPOLOGY: linear
     23 US-08-679-645-175
     24
     25 Query Match 4.9%; Score 12.4; DB 1; Length 17;
     26 Best Local Similarity 92.9%; Pred. No. 1.1e+02;
     27 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
     28
     29 1263 CAGCTGAGAGGC 1276
     30 15 CAGCTGAGTGGGC 2

```

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; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDIMORF-8
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 1717
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-1717

Query Match          4.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1256 GCAGCAACAGCTGG 1269
Db      17 GCAGCAACACTGG 4

RESULT 118
US-09-827-998-1718/c
; Sequence 1718, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDIMORF-8
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US/09/827,998
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 1718
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-1718

Query Match          4.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1256 GCAGCAACAGCTGG 1269
Db      16 GCAGCAACACTGG 3

RESULT 119
US-09-827-998-1719/c
; Sequence 1719, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDIMORF-8
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US/09/827,998
; PRIOR FILING DATE: 2000-04-06
```

```
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 1719
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-1719

Query Match          4.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1256 GCAGCAACAGCTGG 1269
Db      15 GCAGCAACACTGG 2

RESULT 120
US-09-827-998-1720/c
; Sequence 1720, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDIMORF-8
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 1720
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-1720

Query Match          4.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1256 GCAGCAACAGCTGG 1269
Db      14 GCAGCAACACTGG 1

RESULT 121
US-09-866-108A-932
; Sequence 932, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Ji, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2000-05-26
```



```
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No.: 6686188
/ SEQ ID NO: 932
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-932
```

```
Query Match 4.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 1267 TGAAGAGCGCTGAG 1280
DB 1 TGAAGAGCGCTGAG 14
```

```
RESULT 122
US-09-866-108A-8308/C
/ Sequence 8308, Application US/09866108A
/ Patent No.: 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Shatton G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: CHEN, Wenheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AECOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
```

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/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No.: 6686188
/ SEQ ID NO: 8308
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-8308
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```
Query Match 4.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 1373 CCAGAGGAGCTGC 1386
DB 17 CCAGAGGAGCTGC 4
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RESULT 123
US-09-866-108A-8309/C
/ Sequence 8309, Application US/09866108A
/ Patent No.: 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Shatton G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: CHEN, Wenheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AECOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No.: 6686188
/ SEQ ID NO: 8309
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-8309
```

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Query Match 4.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 1373 CCAGAGGAGCTGC 1386
DB 16 CCAGAGGAGCTGC 3
```

```
RESULT 124
US-09-866-108A-8310/C
; Sequence 8310, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8310
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8310

Query Match          4.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663

RESULT 126
US-09-866-108A-8776
; Sequence 8776, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663

Query Match          4.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
;; PRIOR FILING DATE: 2001-01-30
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Aecomica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 8776
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-8776

Query Match          4.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      1304 GGTCTCTGTGACC 1317
         |||||
Db      4 GGTCTCTGTGACC 17

RESULT 127
US-09-866-108A-8777
; Sequence 8777, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8777
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8777

Query Match          4.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      1304 GGTCTCTGTGACC 1317
         |||||
Db      3 GGTCTCTGTGACC 16
```

```
RESULT 128
US-09-866-108A-8778
; Sequence 8778, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8778
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8778

Query Match          4.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      1304 GGTCTCTGTGACC 1317
         |||||
Db      2 GGTCTCTGTGACC 15

RESULT 129
US-09-866-108A-8779
; Sequence 8779, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
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; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8779
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8779

Query Match          4.9%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      1304 GGTCTCTGTGAGC 1317
Db      1 GGTCTCTGTGACC 14

RESULT 130
US-09-866-108A-8648/C
; Sequence 8648, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
PRIOR APPLICATION NUMBER: 2001-05-25
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
```

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; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8648
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8648

Query Match          4.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy      1249 TCCGCTGCAGCAACAG 1265
Db      17 TCCGCTGCAGCTGCAG 1

RESULT 131
US-08-758-306-593/C
; Sequence 593, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwigen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESS: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 593:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-593

Query Match          4.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.2e+02;
```

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1369 CTTACGAGAGCAGCTG 1385
Db 17 CTCGACGAGAGCAGCTG 1

RESULT 132

US-08-762-500-82/C
Sequence 82, Application US/08762500
Patent No. 6030806

GENERAL INFORMATION:
APPLICANT: Landes, Gregory M.
APPLICANT: Burn, Timothy C.
APPLICANT: Connors, Timothy D.
APPLICANT: Dackowski, William R.
APPLICANT: Van Raay, Terence J.
APPLICANT: Klingner, Katherine W.
TITLE OF INVENTION: NOVEL HUMAN CHROMOSOME 16 GENES,
TITLE OF INVENTION: COMPOSITIONS, METHODS OF MAKING AND USING SAME
NUMBER OF SEQUENCES: 83
CORRESPONDENCE ADDRESS:
ADDRESSEE: GENZYME CORPORATION
STREET: One Mountain Road
CITY: Framingham
STATE: Massachusetts
COUNTRY: United States of America
ZIP: 01701

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/762.500
FILING DATE: 09-DEC-1996
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/665,259
FILING DATE: 17-JUN-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/10469
FILING DATE: 17-JUN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Dugan, Deborah A.
REGISTRATION NUMBER: 37,315
REFERENCE/DOCKET NUMBER: IGS-9.3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (508) 872-8400
TELEFAX: (508) 872-5415
INFORMATION FOR SEQ ID NO: 82:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Oligonucleotide primer -
DESCRIPTION: sense strand"
US-08-762-500-82

Query Match 4.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1243 CAGTGTCCGCGCTGAG 1259
Db 17 CTCGCTCTGCTGTCAG 1

RESULT 133
US-08-985-162-428
Sequence 428, Application US/08985162

Patent No. 6057156

GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwigen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 428:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-985-162-428

Query Match 4.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 1.2e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 1325 GGACCTTCTTCCAGG 1341
Db 1 GGACUUCUCCCAAGG 17

RESULT 134

US-09-371-772B-5055
Sequence 5055, Application US/09371772B
Patent No. 6566127

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Secobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MHRB00,876-U (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26

; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5055
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5055

Query Match 4.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 1.2e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1376 GAGCAGCTGGCTTTG 1392
DB 1 GAGCCAGCUGCUUUUG 17

RESULT 135
US-09-371-772B-6456/C

; Sequence 6456, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6456
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6456

Query Match 4.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1271 AGAGGCTGAGGCGACAG 1287
DB 17 AGAGGCTGTGGCCAAAG 1

RESULT 136
US-09-371-772B-6784/C

; Sequence 6784, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040

; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6784
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6784

Query Match 4.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1228 TCCAGCATGTCTGGCA 1244
DB 17 TCCAGCATGTCTGTGA 1

RESULT 137
US-09-401-063-428

; Sequence 428, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESS: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Wardburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEEX: 67-3510
; INFORMATION FOR SEQ ID NO: 428:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-401-063-428

Query Match 4.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 1.2e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;


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; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2588
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2588

Query Match          4.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy      1288 ACCCTCAGGAGTGCATG 1304
Db      1 AGCTCCAGGAGTGCATG 17

RESULT 141
US-09-866-108A-7525
; Sequence 7525, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7525
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7525

Query Match          4.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

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Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy      1253 GCTGACGACACACTGG 1269
Db      1 GCTGACGACAAAGCTTG 17

RESULT 142
US-09-866-108A-7795
; Sequence 7795, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7795
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7795

Query Match          4.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy      1250 CCGGCTGACGACAGC 1266
Db      1 CCACTTCAGCAGCAGC 17

RESULT 143
US-09-866-108A-7796
; Sequence 7796, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng

```


APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 7796
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-7796

Query Match 4.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1251 CGGCTGACAGACAGCT 1267
DB 1 CAGCTTCAGACAGACT 17

RESULT 144
US-09-866-108A-7799
Sequence 7799, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 7799
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-7799

QY 1254 CTGACGACAGCTGGA 1270
DB 1 CTTGACGACAGCTGAA 17

RESULT 145
US-09-866-108A-7840
Sequence 7840, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 7840
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-7840

Query Match 4.8%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1253 GCTGACGACAGCTGG 1269

Db 1 GCTGACGACAGCTGG 17

RESULT 146

US-09-866-108A-7941
; Sequence 7841, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7841
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7841

Query Match 4.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.2e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1254 CTGACGACAGCTGGA 1270

Db 1 CTGACGACAGCTGGA 17

RESULT 147

US-09-866-108A-7920/C
; Sequence 7920, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7920
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7920

Query Match 4.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1328 CCTTTCTCCAGGACG 1344

Db 17 CCTTCTCCAGGACG 1

RESULT 148

US-09-866-108A-8433/C
; Sequence 8433, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8433
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-8433

Query Match 4.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1305 GTCATCTGTGACGACT 1321
Db 17 GTCCGCTGTGACGACT 1

RESULT 149
US-09-866-108A-8434/c
Sequence 8434, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8434
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-8434

Query Match 4.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1304 GTCATCTGTGACGACC 1320
Db 17 GTCCGCTGTGACGACC 1

RESULT 150
US-09-866-108A-8504
Sequence 8504, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8504
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-8504

Query Match 4.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1392 GCTGAGCTGTGACGAG 1408
Db 1 GATGAGCAGCTGTGACG 17

RESULT 151
US-09-866-108A-8506
Sequence 8506, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.

```

APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
FILE REFERENCE: AEOMICA-7
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See file wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8506
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-8506

Query Match 4.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1394 TGAGCTGCTGGACAGAC 1410
DB 1 TGAGCAGCTGTACAGGC 17

RESULT 152
US-09-866-108A-8650
Sequence 8650, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See file wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8506
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-8506

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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ Patent No. 6686188
/ SEQ ID NO 8650
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-8650

Query Match          4.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pctd. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0

Oy      1256 GCAGCAGCAGCTGGAG 1272
        ||||| ||||| ||
Db       1 GCAGCTGCAGCTGGAGC 17

RESULT 153
US-09-866-108A-8651
/ Sequence 8651, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AECOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 8651
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-8651

```

Query Match 4.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1257 CAGCAGCAGCTGAGAGA 1273
||| ||||| |||
DB 1 CAGCTGAGCCTGAGAGA 17

RESULT 154
US-09-866-108A-9231
; Sequence 9231, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9231
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9231

Query Match 4.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1203 CAGAGGAGCAGCATCTG 1219
||| ||||| |||
DB 1 CAGAGGAGCAGCATCTGAG 17

RESULT 155
US-09-866-108A-9232
; Sequence 9232, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30

; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9232
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9232

Query Match 4.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1204 AGAGGAGCAGCATCTGT 1220
||| ||||| |||
DB 1 AGAGGAGCAGCATCTGAGT 17

RESULT 156
US-09-866-108A-9233
; Sequence 9233, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO: 9233
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-9233

Query Match 4.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1205 GAGGACGACCATCTGTC 1221
Db 1 GAGGACGACCATCTGTC 17

RESULT 157
US-09-866-108A-9543/c
Sequence 9543, Application US/09866108A
Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wenheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AROMICA-7

CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO: 9543
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens

US-09-866-108A-9543

Query Match 4.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1192 AGAAGCTGTGACAGG 1208
Db 17 AGAAGCTGTGACAGG 1

RESULT 158

US-09-404-912-566/c
Sequence 566, Application US/09404912
Patent No. 6703228

GENERAL INFORMATION:

APPLICANT: John Landers
APPLICANT: David Houseman
APPLICANT: Barbara Jordan
APPLICANT: Alain Charest

TITLE OF INVENTION: Methods and Products Related to
Genotyping and DNA Analysis

FILE REFERENCE: M0656/77045(HCI/MAT)

CURRENT FILING DATE: 1999-09-24
PRIOR APPLICATION NUMBER: US/09/404,912

PRIOR FILING DATE: 1998-09-25

PRIOR APPLICATION NUMBER: PCT/US99/22283

PRIOR FILING DATE: 1999-09-24

NUMBER OF SEQ ID NOS: 691
SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 566

LENGTH: 17

TYPE: DNA
ORGANISM: Homo Sapiens
US-09-404-912-566

Query Match 4.8%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1377 AAGCAGCTGCCTTTGC 1393
Db 17 AAGCAGCTGCCTTTGC 1

RESULT 159

US-08-291-932A-16/c
Sequence 16, Application US/08291932A
Patent No. 5658780

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwigen, James

TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS

TITLE OF INVENTION: RELATED TO LEVELS OF
NUMBER OF SEQUENCES: 830

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California

COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage

COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/291,932A
FILING DATE: August 15, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA: Including Application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-291-932A-16

Query Match 4.8%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 12; Conservative 0; Indels 0; Gaps 0;

OY 1189 CCCGAGACCTG 1200
DB 12 CCCGAGACCTG 1

RESULT 160
US-09-275-850-21
Sequence 21, Application US/09275850A
Patent No. 6261774
GENERAL INFORMATION:
APPLICANT: Pagratzis, Nikos
APPLICANT: Gold, Larry
APPLICANT: Shattland, Timur
APPLICANT: Javornik, Brenda
TITLE OF INVENTION: Truncation SELEX Method
FILE REFERENCE: NEX 79
CURRENT APPLICATION NUMBER: US/09/275,850A
CURRENT FILING DATE: 1999-03-24
NUMBER OF SEQ ID NOS: 351
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 21
LENGTH: 15
TYPE: RNA
ORGANISM: E. coli
US-09-275-850-21

Query Match 4.8%; Score 12; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 1e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 1255 TGCAGCAACAGC 1266
DB 1 UGCAGCAACAGC 12

RESULT 161
US-08-770-235A-28
Sequence 28, Application US/08770235A
Patent No. 5939538
GENERAL INFORMATION:
APPLICANT: Leavitt, Markley C.
APPLICANT: Tritz, Richard

APPLICANT: Feng, Yu
APPLICANT: Barber, Jack
APPLICANT: Yu, Mang
TITLE OF INVENTION: Methods and Compositions for Inhibiting
TITLE OF INVENTION: HIV Infection of Cells by Cleaving HIV Co-Receptor RNA
NUMBER OF SEQUENCES: 77
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/770,235A
FILING DATE: 19-DEC-1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/027,875
FILING DATE: 25-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: QUINE, Jonathan A.
REGISTRATION NUMBER: P-41,261
REFERENCE/DOCKET NUMBER: 016556-001610US
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA
US-08-770-235A-28

Query Match 4.8%; Score 12; DB 1; Length 16;
Best Local Similarity 66.7%; Pred. No. 1.2e+02;
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

OY 1301 CATGTCATCTG 1312
DB 2 CAUGGUCACUCG 13

RESULT 162
US-09-364-539-10
Sequence 10, Application US/09364539B
Patent No. 6344321
GENERAL INFORMATION:
APPLICANT: Rabin, Ross
APPLICANT: Lochrie, Michael
APPLICANT: Janyic, Nebojsa
TITLE OF INVENTION: Nucleic Acid Ligands Which Bind to Hepatocyte Growth
TITLE OF INVENTION: Factor/Scatter Factor (HGF/SF) or its Receptor C-Met
FILE REFERENCE: NEX83
CURRENT APPLICATION NUMBER: US/09/364,539B
CURRENT FILING DATE: 1999-07-29
NUMBER OF SEQ ID NOS: 192
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 10
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic

```
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (1) - (16)
; OTHER INFORMATION: Purines and pyrimidines are 2'OH; purines and
; OTHER INFORMATION: pyrimidines at positions 1-4 are DNA, purines and
; OTHER INFORMATION: pyrimidines at positions 5-16 are RNA.
US-09-364-539-10

Query Match          4.8%; Score 12; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 1.2e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Cy      1415 TGCTGAGCGCGC 1426
Db      4   TGCTGAGCGCGC 15

RESULT 163
US-08-286-856C-15
; Sequence 15, Application US/08286856C
; Patent No. 5672509
; GENERAL INFORMATION:
; APPLICANT: FISHER, DOUGLAS A
; TITLE OF INVENTION: HEPD IV-C: A NOVEL HUMAN
; TITLE OF INVENTION: PHOSPHODIESTERASE IV
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PFIZER INC
; STREET: 235 EAST 42ND STREET
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 10017-5755
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/286,856C
; FILING DATE: 05-AUG-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: SHEYKA, ROBERT F
; REGISTRATION NUMBER: 31104
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-573-1189
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; US-08-286-856C-15

Query Match          4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy      1204 AGAGGGCAGCCA 1215
Db      2   AGAGGGCAGCCA 13

RESULT 164
US-09-474-432B-763
; Sequence 763, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot;
; FILE REFERENCE: MEB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 763
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-763

Query Match          4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Cy      1182 CTGGGCTCCGAG 1193
Db      5   CTGGGCTCCGAG 16

RESULT 165
US-09-476-387-762
; Sequence 762, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot;
; FILE REFERENCE: MEB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 762
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-762

Query Match          4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
```


APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
SOFTWARE: Aeomica Sequence Listing Engine
NUMBER OF SEQ ID NOS: 15755
Patent No. 6686188
SEQ ID NO 9229
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-9229

Query Match 4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1203 CAGAGGCGAGCC 1214

Db 3 CAGAGGCGAGCC 14

RESULT 172
US-09-866-108A-9230
Sequence 9230, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
SOFTWARE: Aeomica Sequence Listing Engine
NUMBER OF SEQ ID NOS: 15755
Patent No. 6686188
SEQ ID NO 9230
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-9230

Query Match 4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1203 CAGAGGCGAGCC 1214

Db 2 CAGAGGCGAGCC 13

RESULT 173
US-09-866-108A-10730
Sequence 10730, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
SOFTWARE: Aeomica Sequence Listing Engine
NUMBER OF SEQ ID NOS: 15755
Patent No. 6686188
SEQ ID NO 10730
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-10730

Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1182 CTGGGCTCCGAG 1193
|||||

Db 6 CTGGGCTCCGAG 17

RESULT 174
US-09-866-108A-10731
; Sequence 10731, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharon G.

; APPLICANT: HANZEL, David K.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aeomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 10731

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-10731

Query Match 4.8%; Score 12; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 1.4e+02;

Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1182 CTGGGCTCCGAG 1193
|||||

Db 5 CTGGGCTCCGAG 16

RESULT 175
US-09-866-108A-10732

; Sequence 10732, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharon G.

; APPLICANT: HANZEL, David K.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US/09/866,108A

; PRIOR FILING DATE: 2001-05-26

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aeomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 10732

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-10732

Query Match 4.8%; Score 12; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 1.4e+02;

Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1182 CTGGGCTCCGAG 1193
|||||

Db 4 CTGGGCTCCGAG 15

RESULT 176
US-09-866-108A-10733

; Sequence 10733, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: PENN, Sharon G.

; APPLICANT: HANZEL, David K.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 10733
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-10733

Query Match 4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1182 CTGGGCTCCGAG 1193
Db 3 CTGGGCTCCGAG 14

RESULT 177
US-09-866-108A-10734
Sequence 10734, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AECOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 10734
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-10734

Query Match 4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1182 CTGGGCTCCGAG 1193
Db 2 CTGGGCTCCGAG 13

RESULT 178
US-09-866-108A-10735
Sequence 10735, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AECOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 10735
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-10735

Query Match 4.8%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1182 CTGGGCTCCGAG 1193
Db 1 CTGGGCTCCGAG 12

RESULT 179
US-08-291-932A-23
Sequence 23, Application US/08291932A
Patent No. 5658780
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: RIBOZYME TREATMENT OF

TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: NF-KB
NUMBER OF SEQUENCES: 830
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/291,932A
FILING DATE: August 15, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/157
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-291-932A-23

Query Match 4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 1.1e+02;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

1412 GGGTGTGAGCGCGC 1426
Db 1 GGGCGCUCAGCGCGC 15

RESULT 180
US-08-291-932A-40/c
Sequence 40, Application US/08291932A
Patent No. 5658780
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwigen, James
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: NF-KB
NUMBER OF SEQUENCES: 830
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California

COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/291,932A
FILING DATE: August 15, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/157
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-291-932A-40

Query Match 4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1198 CTGTCGAGGCGAG 1212
Db 15 CTGGCGAGAGTCAG 1

RESULT 181
US-08-291-932A-192/c
Sequence 192, Application US/08291932A
Patent No. 5658780
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwigen, James
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: NF-KB
NUMBER OF SEQUENCES: 830
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/291,932A

FILING DATE: August 15, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA: Including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/157
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 192:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-291-932A-192

Query Match 4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1198 CTGTGACAGGCGCAG 1212
Db 15 CTGGCAGAGCTCAG 1

RESULT 182
US-08-585-684B-2046
Sequence 2046, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2046:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-2046

Query Match 4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 73.3%; Pred. No. 1.1e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 1243 CAGTGTCCGCGCTGC 1257
Db 1 CAGUGGUCUGCCGC 15

RESULT 183
US-09-038-073-2046
Sequence 2046, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2046:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-2046

Query Match 4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 73.3%; Pred. No. 1.1e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 1243 CAGTGTCCGCGCTGC 1257
Db 1 CAGUGGUCUGCCGC 15

```
RESULT 184
US-09-474-432B-164
; Sequence 164, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpelesky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MHB00-831-B (247/726)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 164
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-164
```

```
Query Match 4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 1.1e+02;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy 1393 CTGAGCTGCTGACG 1407
Db 1 CUCGGCUCGUGACG 15
```

```
RESULT 185
US-09-491-356C-19
; Sequence 19, Application US/09491356C
; Patent No. 6566061
; GENERAL INFORMATION:
; APPLICANT: Philibert, Robert A.
; APPLICANT: Gims, Edward I.
; APPLICANT: Delisi, Lynn
; TITLE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13
; FILE REFERENCE: 9465.60S11
; CURRENT APPLICATION NUMBER: US/09/491,356C
; CURRENT FILING DATE: 2000-01-26
; PRIOR APPLICATION NUMBER: PCT/US99/09365
; PRIOR FILING DATE: 1999-04-29
; PRIOR APPLICATION NUMBER: 60/083,465
; PRIOR FILING DATE: 1998-04-29
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 19
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-491-356C-19
```

```
Query Match 4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy 1251 CGGCTGACGACAG 1265
```

```
Db 1 CAGCAGACGACAG 15
```

```
RESULT 186
US-09-476-387-164
; Sequence 164, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpelesky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MHB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 164
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-164
```

```
Query Match 4.7%; Score 11.8; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 1.1e+02;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy 1393 CTGAGCTGCTGACG 1407
Db 1 CUCGGCUCGUGACG 15
```

```
RESULT 187
US-08-291-932A-815/C
; Sequence 815, Application US/08291932A
; Patent No. 5658780
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
```



```
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/291,932A
FILING DATE: August 15, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/157
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 815:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-291-932A-815
```

```
Query Match 4.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1200 GTGCAGAGGCGAGCC 1214
DB 16 GGCAGAGGTCAGCC 2
```

```
RESULT 188
US-09-371-772B-5669
Sequence 5669, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
FILE REFERENCE: MEBB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5669
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-5669
```

```
Query Match 4.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 73.3%; Pred. No. 1.3e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1331 CTTCTCCAGGCGAGG 1345
DB 1 CAUCUCCCAUCCAGG 15
```

```
RESULT 189
US-09-371-772B-7077
Sequence 7077, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
FILE REFERENCE: MEBB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 7077
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-7077
```

```
Query Match 4.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 60.0%; Pred. No. 1.3e+02;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1376 GAAGCAGCTGCGTTT 1390
DB 2 GAAGCAGAUCCUUV 16
```

```
RESULT 190
US-09-371-772B-7112/C
Sequence 7112, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
FILE REFERENCE: MEBB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 7112
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-7112
```

```
Query Match 4.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1228 TCCAGCATGTCGTCG 1242
DB 16 TCCAGCATGTCGTCG 2
```

RESULT 191

```
US-09-705-267A-174/c
; Sequence 174, Application US/09705267A
; Patent No. 6551826
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Susan M. Freier
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXPRESSION
; FILE REFERENCE: RTS-0211
; CURRENT APPLICATION NUMBER: US/09/705,267A
; CURRENT FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 177
; SEQ ID NO 174
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-09-705-267A-174

Query Match          4.7%; Score 11.8; DB 1; Length 20;
Best Local Similarity 86.7%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1228 TCCGACATGTCG 1242
Db      20  TCCGACATGTCG 6

RESULT 192
US-08-998-099-333
; Sequence 333, Application US/08998099A
; Patent No. 6103890
; GENERAL INFORMATION:
; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGGEN, JAMES A.
; APPLICANT: STINGCOMB, DAN T.
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A
; CURRENT FILING DATE: 1997-12-24
; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1995-01-13
; EARLIER APPLICATION NUMBER: 08/245,466
; EARLIER FILING DATE: 1994-05-18
; NUMBER OF SEQ ID NOS: 375
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 333
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
US-08-998-099-333

Query Match          4.5%; Score 11.4; DB 1; Length 14;
Best Local Similarity 76.9%; Pred. No. 1.1e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      1249 TCCGCTGACGAC 1261
Db      2    UCCCGCUCGACG 14

RESULT 193
US-08-310-501-4
; Sequence 4, Application US/08310501
; Patent No. 5567687
; GENERAL INFORMATION:
; APPLICANT: Magda, Darren
; APPLICANT: Sessler, Jonathan L.
; APPLICANT: Iverson, Brent
```

```
APPLICANT: Jansen, Petra I.
APPLICANT: Wright, Meredith
APPLICANT: Mody, Tarak D.
APPLICANT: Hemmi, Gregory W.
; TITLE OF INVENTION: Texpaphyrins and Uses Thereof
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: US
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/310,501
; FILING DATE: Concurrently herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/112,872
; FILING DATE: 25-AUG-1993
; APPLICATION NUMBER: PCT/US94/06284
; FILING DATE: 09-JUN-1994
; APPLICATION NUMBER: US 07/822,964
; FILING DATE: 21-JAN-1992
; APPLICATION NUMBER: US 08/227,370
; FILING DATE: 14-APR-1994
; APPLICATION NUMBER: US 08/075,123
; FILING DATE: 09-JUN-1993
; APPLICATION NUMBER: US 07/822,964
; FILING DATE: 21-JAN-1992
; APPLICATION NUMBER: US 07/771,393
; FILING DATE: 30-SEP-1991
; APPLICATION NUMBER: US 07/539,975
; FILING DATE: 18-JUN-1990
; APPLICATION NUMBER: PCT/US90/01208
; FILING DATE: 06-MAR-1990
; APPLICATION NUMBER: US 07/320,293
; FILING DATE: 06-MAR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Parker, David L.
; REGISTRATION NUMBER: 32,165
; REFERENCE/DOCKET NUMBER: PHAY:034/PAR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; TELEX: n/a
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA (genomic)
US-08-310-501-4

Query Match          4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 69.2%; Pred. No. 1.4e+02;
Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY      1307 CATCTGACGAC 1319
Db      1  CAUCUGGAGCCG 13

RESULT 194
US-08-382-521-3
; Sequence 3, Application US/08382521
; Patent No. 5583116
```

GENERAL INFORMATION:
APPLICANT: Morrison, Richard S.
TITLE OF INVENTION: Method of Inhibiting the Growth of
TITLE OF INVENTION: bcrf-Dependent Neoplastic Cells
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kojiseh Hartwell Dickinson McCormack & Heuser
STREET: 520 S.W. Yamhill, Suite 200
CITY: Portland
STATE: Oregon
COUNTRY: U.S.A.
ZIP: 97204
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/382,521
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/124,354
FILING DATE:
APPLICATION NUMBER: US 07/818,898
FILING DATE: 10-JAN-1992
ATTORNEY/AGENT INFORMATION:
NAME: Dickinson, Jon M.
REGISTRATION NUMBER: 22820
REFERENCE/DOCKET NUMBER: 98m 305
TELECOMMUNICATION INFORMATION:
TELEPHONE: (503) 224-6655
TELEFAX: (503) 295-6679
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-382-521-3

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1295 GGCTGCCATGGTC 1307
DB 1 GGCTGCCATGGTC 13

RESULT 195
US-08-311-760A-228
Sequence 228, Application US/08311760A
Patent No. 5599706
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwigen, James
APPLICANT: Newton, Roger S.
APPLICANT: Ramharack, Randy
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
TITLE OF INVENTION: INHIBITING ABOLIPROTEIN
NUMBER OF SEQUENCES: 392
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles

STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,760A
FILING DATE: September 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/155
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 228:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-760A-228

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 53.8%; Pred. No. 1.4e+02;
Matches 7; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

OY 1303 TGGTCATCTGTGA 1315
DB 1 UGUCACUUNGA 13

RESULT 196
US-08-469-177-4
Sequence 4, Application US/08469177
Patent No. 5607924
GENERAL INFORMATION:
APPLICANT: MAGDA, Darren
APPLICANT: Sessler, Jonathan L.
APPLICANT: IVERSON, Brent L.
APPLICANT: SANSOM, Petra I.
APPLICANT: WRIGHT, Meredith
TITLE OF INVENTION: DNA PHOTOCLEAVAGE USING TEXAPHRINS
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pharmacyclics, Inc.
STREET: 995 East Argue Avenue
CITY: Sunnyvale
STATE: California
COUNTRY: United States of America
ZIP: 94086
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,177
FILING DATE: 06-JUN-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Larson, Jacqueline S.
REGISTRATION NUMBER: 30,279
REFERENCE/DOCKET NUMBER: PHAY.057
TELECOMMUNICATION INFORMATION:

TELEPHONE: (408) 774-3363
TELEFAX: (408) 774-0340
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "RNA"
US-08-469-177-4

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 69.2%; Pred. No. 1.4e+02;
Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1307 CATCTGTGACGACG 1319
|||:|||||
Db 1 CAUCUGUGAGCCG 13

RESULT 197
US-08-241-372-1
Sequence 1, Application US/08241372
Patent No. 5631237
GENERAL INFORMATION:
APPLICANT: Dzau, Victor J
APPLICANT: Kaneda, Yasufumi
TITLE OF INVENTION: METHOD FOR IN VIVO DELIVERY OF
TITLE OF INVENTION: THERAPEUTIC AGENTS VIA LIPOSOMES
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/241,372
FILING DATE: 09-MAY-1994
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Bertram I
REGISTRATION NUMBER: 20,015
REFERENCE/DOCKET NUMBER: A-59079-1/BIR
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-241-372-1

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1295 GGGTGCATGATC 1307
|||:|||||
Db 1 GGCTGCCATGATC 13

RESULT 198
US-08-241-372-2/c
Sequence 2, Application US/08241372
Patent No. 5631237
GENERAL INFORMATION:
APPLICANT: Dzau, Victor J
APPLICANT: Kaneda, Yasufumi
TITLE OF INVENTION: METHOD FOR IN VIVO DELIVERY OF
TITLE OF INVENTION: THERAPEUTIC AGENTS VIA LIPOSOMES
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/241,372
FILING DATE: 09-MAY-1994
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Bertram I
REGISTRATION NUMBER: 20,015
REFERENCE/DOCKET NUMBER: A-59079-1/BIR
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-241-372-2

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1295 GGGTGCATGATC 1307
|||:|||||
Db 15 GGCTGCCATGATC 3

RESULT 199
US-08-241-372-12
Sequence 12, Application US/08241372
Patent No. 5631237
GENERAL INFORMATION:
APPLICANT: Dzau, Victor J
APPLICANT: Kaneda, Yasufumi
TITLE OF INVENTION: METHOD FOR IN VIVO DELIVERY OF
TITLE OF INVENTION: THERAPEUTIC AGENTS VIA LIPOSOMES
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/241,372
FILING DATE: 09-MAY-1994
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Berttram I
REGISTRATION NUMBER: 20, 015
REFERENCE/DOCKET NUMBER: A-59079-1/BIR
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-241-372-12

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1295 GGGTGCATGTC 1307
DB 1 GGCTGCATGTC 13

RESULT 200
US-08-241-372-13/C
Sequence 13, Application US/08241372
GENERAL INFORMATION:
APPLICANT: Kameda, Yasufumi
TITLE OF INVENTION: METHOD FOR IN VIVO DELIVERY OF
TITLE OF INVENTION: THERAPEUTIC AGENTS VIA LIPOSOMES
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRITTON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/241,372
FILING DATE: 09-MAY-1994
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Berttram I
REGISTRATION NUMBER: 20, 015
REFERENCE/DOCKET NUMBER: A-59079-1/BIR
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-241-372-13

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1295 GGGTGCATGTC 1307
DB 15 GGCTGCATGTC 3

RESULT 201
US-08-484-551-1
Sequence 1, Application US/08484551
Patent No. 5714328
GENERAL INFORMATION:
APPLICANT: Magda, Darren
TITLE OF INVENTION: RNA PHOTOCLEAVAGE USING TEXAPHYRINS
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: United States of America
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,551
FILING DATE: Concurrently herewith
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Parker, David L.
REGISTRATION NUMBER: 32,165
REFERENCE/DOCKET NUMBER: PHAY:047/PAR
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
TELEFAX: (512) 747-7577
TELEX: 79-0924
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-08-484-551-1

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1307 CATCTGAGCAG 1319
DB 1 CATCTGAGCCG 13

RESULT 202
US-08-484-551-5
Sequence 5, Application US/08484551
Patent No. 5714328
GENERAL INFORMATION:
APPLICANT: Magda, Darren
TITLE OF INVENTION: RNA PHOTOCLEAVAGE USING TEXAPHYRINS
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee

STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: United States of America
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,551
FILING DATE: Concurrently herewith
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Parker, David L.
REGISTRATION NUMBER: 32,165
REFERENCE/DOCKET NUMBER: PHAY:047/PAR
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
TELEFAX: (512) 747-7577
TELEX: 79-0924
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "RNA"
US-08-484-551-5

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 69.2%; Pred. No. 1.4e+02;
Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

OY 1307 CATCTGTGAGCAG 1319
||:|:|:|:|:|
1 CAUCUGUGAGCCG 13

Db

RESULT 203
US-08-486-962-18
Sequence 18, Application US/08486962
Patent No. 5763172
GENERAL INFORMATION:
APPLICANT: Magda, Darren
APPLICANT: Sessler, Jonathan L.
APPLICANT: Wright, Meredith
APPLICANT: Ross, Kevin L.
APPLICANT: Miller, Richard A.
APPLICANT: Dow, William C.
APPLICANT: Kral, Vladimir A.
APPLICANT: Smith, Daniel A.
TITLE OF INVENTION: METHOD OF PHOSPHATE ESTER HYDROLYSIS
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pharmacyclics, Inc.
STREET: 995 E. Arques Avenue
CITY: Sunnyvale
STATE: California
COUNTRY: USA
ZIP: 94086-4521
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,962
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:

NAME: Larson, Jacqueline S.
REGISTRATION NUMBER: 30,279
REFERENCE/DOCKET NUMBER: PHAY:053
TELECOMMUNICATION INFORMATION:
TELEPHONE: (408) 774-0330
TELEFAX: (408) 774-0340
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-08-486-962-18

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1307 CATCTGTGAGCAG 1319
||:|:|:|:|:|
1 CATCTGTGAGCCG 13

Db

RESULT 204
US-08-110-294A-6
Sequence 6, Application US/08110294A
Patent No. 5821234
GENERAL INFORMATION:
APPLICANT: Dzaou, Victor J
TITLE OF INVENTION: Inhibition of Proliferation of Vascular
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESSEE: Allegretti & Witcoff, Ltd.
STREET: 10 South Wacker Dr.
CITY: Chicago
STATE: IL
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/110,294A
FILING DATE: 20-AUG-1993
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/063,980
FILING DATE: 19-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/944,862
FILING DATE: 10-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: McDonnell, John J
REGISTRATION NUMBER: 26,949
REFERENCE/DOCKET NUMBER: 93,510-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-715-1000
TELEFAX: 312-715-1234
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-110-294A-6

Query Match 4.5%; Score 11.4; DB 1; Length 15;

Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1295 GGGTCCATGTC 1307

Db 1 GGCTCCATGTC 13

RESULT 205

US-08-110-294A-7/C
Sequence 7, Application US/08110294A
Patent No. 5821234
GENERAL INFORMATION:
APPLICANT: Dzaou, Victor J
TITLE OF INVENTION: Inhibition of Proliferation of Vascular
TITLE OF INVENTION: Smooth Muscle Cell
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESSEE: Allegretti & Witcoff, Ltd.
STREET: 10 South Wacker Dr.
CITY: Chicago
STATE: IL
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/110,294A
FILING DATE: 20-AUG-1993
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/063,980
FILING DATE: 19-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/944,882
FILING DATE: 10-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: McDonnell, John J
REGISTRATION NUMBER: 26,949
REFERENCE/DOCKET NUMBER: 93,510-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-715-1000
TELEFAX: 312-715-1234
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-110-294A-7

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1295 GGGTCCATGTC 1307

Db 15 GGCTCCATGTC 3

RESULT 206

US-08-292-620A-244/C
Sequence 244, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan

APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Walburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 244:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-244

two

US-08-292-620A-244

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1278 GAGGCGAGAGCC 1290

Db 15 GAGGCGAGAGCC 3

RESULT 207
US-08-389-926-6
Sequence 6, Application US/08389926
Patent No. 5869462
GENERAL INFORMATION:
APPLICANT: Dzaou, Victor J
TITLE OF INVENTION: Inhibition of Proliferation of Vascular
TITLE OF INVENTION: Smooth Muscle Cell
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Allegretti, Ltd.
STREET: 10 South Wacker Dr.
CITY: Chicago
STATE: IL
COUNTRY: USA
ZIP: 60606

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/389,926
FILING DATE: 16 FEB 1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/063,980
FILING DATE: 19-MAY-1993
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/944,882
FILING DATE: 10-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: McDowell, John J
REGISTRATION NUMBER: 26,949
REFERENCE/DOCKET NUMBER: 93,510-D
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-715-1000
TELEFAX: 312-715-1234
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-389-926-6

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1295 GGGTGCATGTC 1307
Db 1 GGCTGCCATGTC 13

RESULT 208
US-08-389-926-7/C
Sequence 7, Application US/08389926
Patent No. 5869462
GENERAL INFORMATION:
APPLICANT: D'au, Victor J
TITLE OF INVENTION: Inhibition of Proliferation of Vascular
CELLS
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESS: Banner & Allegretti, Ltd.
STREET: 10 South Wacker Dr.
CITY: Chicago
STATE: IL
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/389,926
FILING DATE: 16 FEB 1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/063,980
FILING DATE: 19-MAY-1993
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/944,882
FILING DATE: 10-SEP-1992

ATTORNEY/AGENT INFORMATION:
NAME: McDowell, John J
REGISTRATION NUMBER: 26,949
REFERENCE/DOCKET NUMBER: 93,510-D
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-715-1000
TELEFAX: 312-715-1234
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-389-926-7

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1295 GGGTGCATGTC 1307
Db 15 GGCTGCCATGTC 3

RESULT 209
US-08-613-417A-31
Sequence 31, Application US/08613417A
Patent No. 5874553
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: Phosphonomonoester nucleic acids,
and their use
NUMBER OF SEQUENCES: 33
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (PPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/613,417A
FILING DATE:
CLASSIFICATION: 514
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ANTI-SENSE: yes
FEATURE:
NAME/KEY: exon
LOCATION: 1..15
US-08-613-417A-31

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1295 GGGTGCATGTC 1307
Db 1 GGCTGCCATGTC 13

RESULT 210
US-08-774-310-228
Sequence 228, Application US/08774310
Patent No. 5877022
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: McSwiggen, James
APPLICANT: Newton, Roger S.

APPLICANT: Ramharack, Randy
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
TITLE OF INVENTION:
NUMBER OF SEQUENCES: 392
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Filth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/774,310
FILING DATE: December 23, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/311,760
FILING DATE: September 23, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 223/229
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 228:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-774-310-228
Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 53.8%; Pred. No. 1.4e+02;
Matches 7; Conservative 5; Mismatches 1; Indels 0; Gaps 0;
Qy 1303 TGGTCATCTGTGA 1315
Db 1 UGUCUACUACGA 13
RESULT 211
US-08-760-870-3
Sequence 3, Application US/08760870
Patent No. 5935856
GENERAL INFORMATION:
APPLICANT: Morrison, Richard S.
TITLE OF INVENTION: Method of Inhibiting the Growth of
TITLE OF INVENTION: bFGF-Dependent Neoplastic Cells
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kolisch Hartwell Dickinson McCormack & Heuser
STREET: 520 S.W. Yamhill, Suite 200
CITY: Portland
STATE: Oregon
COUNTRY: U.S.A.
ZIP: 97204
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/760, 870
FILING DATE: 09-DEC-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Van Rysselberghe, Pierre C.
REGISTRATION NUMBER: 33,557
REFERENCE/DOCKET NUMBER: Lgy 305BA
TELECOMMUNICATION INFORMATION:
TELEPHONE: (503) 224-6655
TELEFAX: (503) 295-6679
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-760-870-3
Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1295 GGGTCCCATGTC 1307
Db 1 GGTGCCCATGTC 13
RESULT 212
US-08-594-452-31
Sequence 31, Application US/08594452
Patent No. 6013639
GENERAL INFORMATION:
APPLICANT: PEYMAN, Anuschirvan
APPLICANT: UHLMANN, Eugen
TITLE OF INVENTION: G CAP-STABILIZED OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 105
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/594,452
FILING DATE: 31-JAN-1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE 195 02 912.7
FILING DATE: 31-JAN-1995
ATTORNEY/AGENT INFORMATION:
NAME: SANDERCOCK, Colin G.
REGISTRATION NUMBER: 31,298
REFERENCE/DOCKET NUMBER: 18748/264/HOCE
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 672-5300
TELEFAX: (202) 672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-594-452-31

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1295 GGGTGCATGGTC 1307
|||
1 GGCTGCCATGGTC 13

RESULT 213

US-09-258-408-31
; Sequence 31, Application US/09258408
; Patent No. 6121434
; GENERAL INFORMATION:
; APPLICANT: PEYMAN, Anuschirwan
; APPLICANT: UHLMANN, Eugen
; TITLE OF INVENTION: G CAP-STABILIZED OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 105
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/258,408
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/594,452
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: SANDERCOCK, Colin G.
; REGISTRATION NUMBER: 31,298
; REFERENCE/DOCKET NUMBER: 18748/264/HOCE
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 672-5300
; TELEFAX: (202) 672-5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-09-258-408-31

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1295 GGGTGCATGGTC 1307
|||
1 GGCTGCCATGGTC 13

RESULT 214

US-09-196-132-31
; Sequence 31, Application US/09196132
; Patent No. 6127346
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Phosphonomonoester nucleic acids,
; TITLE OF INVENTION: process for their preparation, and their use
; NUMBER OF SEQUENCES: 33

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/196,132
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/613,417
FILING DATE:
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ANTI-SENSE: yes
FEATURE:
NAME/KEY: exon
LOCATION: 1..15

US-09-196-132-31

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1295 GGGTGCATGGTC 1307
|||
1 GGCTGCCATGGTC 13

RESULT 215

US-09-071-845-244/C
; Sequence 244, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Kenneth G. Draper
; APPLICANT: Sean Sullivan
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

US-09-071-845-244/C

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1295 GGGTGCATGGTC 1307
|||
1 GGCTGCCATGGTC 13

RESULT 216

US-09-071-845-244/C
; Sequence 244, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Kenneth G. Draper
; APPLICANT: Sean Sullivan
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 244:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-244

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1278 GAGGCGACAGACC 1290
DB 15 GAGGCGACAGACC 3

RESULT 216
US-08-410-390-2
Sequence 2, Application US/08410390
Patent No. 6214974
GENERAL INFORMATION:
APPLICANT: Rosenblum, Michael G.
APPLICANT: Donato, Nicholas J.
TITLE OF INVENTION: Avidin Biotin Immunoconjugates
FILE REFERENCE: D5702C
CURRENT APPLICATION NUMBER: US/08/410,390
CURRENT FILING DATE: 1995-03-27
PRIOR APPLICATION NUMBER: US 08/192,655
PRIOR FILING DATE: 1994-07-02
NUMBER OF SEQ ID NOS: 3
SEQ ID NO 2
LENGTH: 15
TYPE: DNA
ORGANISM: artificial sequence
FEATURE:
OTHER INFORMATION: Antisense nucleic acid sequence against
OTHER INFORMATION: translation start site in bFGF mRNA
US-08-410-390-2

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1295 GGGTGCATGCTC 1307
DB 1 GGGTGCATGCTC 13

RESULT 217
US-09-275-850-19
Sequence 19, Application US/09275850A
Patent No. 6261774
GENERAL INFORMATION:
APPLICANT: Pagratlis, Nikos
APPLICANT: Gold, Larry
APPLICANT: Shectland, Timur
APPLICANT: Javornik, Brenda
TITLE OF INVENTION: Truncation SELEX Method
FILE REFERENCE: NEX 79
CURRENT APPLICATION NUMBER: US/09/275,850A
CURRENT FILING DATE: 1999-03-24
NUMBER OF SEQ ID NOS: 351

SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 19
LENGTH: 15
TYPE: RNA
ORGANISM: E. coli
US-09-275-850-19

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1257 CAGCAACGCTGC 1269
DB 3 CAGCAACGCGCG 15

RESULT 218
US-08-337-120A-25
Sequence 25, Application US/08337120A
Patent No. 6348312
GENERAL INFORMATION:
APPLICANT: Peyman, Anuschirwan
APPLICANT: Uhlmann, Eugen
APPLICANT: Mag, Mathias
APPLICANT: Kretzschmar, Gerhard
APPLICANT: Heleberg, Mathias
APPLICANT: Winkler, Irvin
TITLE OF INVENTION: Stabilized Oligonucleotides And Their
TITLE OF INVENTION: Use
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSEE: Dunner, L.L.P.
STREET: 1300 I Street, N.W., Suite 700
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/337,120A
FILING DATE: 12-NOV-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE P 43 38 704.7
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Elnaudi, Carol P.
REGISTRATION NUMBER: 32,220
REFERENCE/DOCKET NUMBER: 02481.1409-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)408-4000
TELEFAX: (202)408-4400
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-337-120A-25

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1295 GGGTGCATGCTC 1307
DB 1 GGGTGCATGCTC 13

```
RESULT 219
US-09-450-072-22
; Sequence 22, Application US/09450072
; Patent No. 6358734
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; TITLE OF INVENTION: Compounds for Treatment of Infectious and Immune System Disorders
; FILE REFERENCE: 11000.1042c1
; CURRENT FILING DATE: 1999-11-29
; EARLIER APPLICATION NUMBER: 09/351.348
; EARLIER FILING DATE: 1999-07-12
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 22
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Made in a lab
US-09-450-072-22

Query Match          4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1359 GCAGCTGAGGCTT 1371
      |||||
Db      2 GCAGCTGTGGCTT 14

RESULT 220
US-09-351-348-22
; Sequence 22, Application US/09351348
; Patent No. 6436898
; GENERAL INFORMATION:
; APPLICANT: Delcayre, Alain
; TITLE OF INVENTION: Compounds and Methods for the Treatment
; TITLE OF INVENTION: of Mycobacterial Infections with Multi-Epitope Vaccines
; FILE REFERENCE: 11000.1042
; CURRENT APPLICATION NUMBER: US/09/351.348
; CURRENT FILING DATE: 1999-07-12
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 22
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Made in a lab
US-09-351-348-22

Query Match          4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1359 GCAGCTGAGGCTT 1371
      |||||
Db      2 GCAGCTGTGGCTT 14

RESULT 221
US-09-527-030G-101
; Sequence 101, Application US/09527030G
; Patent No. 6482588
; GENERAL INFORMATION:
; APPLICANT: VAN DOORN, Leen-Jan et al.
; TITLE OF INVENTION: Detection and identification of Human Papillomavirus by PCR and t
; TITLE OF INVENTION: specific reverse hybridization.
; FILE REFERENCE: 3501-0101P
```

```
; CURRENT APPLICATION NUMBER: US/09/527, 030G
; CURRENT FILING DATE: 2000-03-16
; NUMBER OF SEQ ID NOS: 497
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 101
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Type specific probe derived from the Human Papillomavirus (HPV)
US-09-527-030G-101

Query Match          4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1232 GCATGTCTGGCA 1244
      |||||
Db      1 GCATTTCTGGCA 13

RESULT 222
US-09-835-370-8
; Sequence 8, Application US/09835370
; Patent No. 6777544
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, EUGEN
; APPLICANT: BREIDT, GERHARD
; APPLICANT: WILL, DAVID W
; TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND
; TITLE OF INVENTION: PROCESSES FOR PREPARING THEM
; FILE REFERENCE: 02481.1742 SEQUENCE LISTING
; CURRENT APPLICATION NUMBER: US/09/835.370
; CURRENT FILING DATE: 2001-04-17
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: nucleotide
; OTHER INFORMATION: base sequence of pna derivatives that bind to
; OTHER INFORMATION: viral and cellular targets
US-09-835-370-8

Query Match          4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1295 GGGTGCATGTC 1307
      |||||
Db      1 GGCTGCCATGTC 13

RESULT 223
PCT-US95-05420-1
; Sequence 1, Application PC/TUS9505420
; GENERAL INFORMATION:
; APPLICANT: Dzau, Victor J
; APPLICANT: Kaneda, Yasutomi
; TITLE OF INVENTION: METHOD FOR IN VIVO DELIVERY OF
; TITLE OF INVENTION: THERAPEUTIC AGENTS VIA LIPOSOMES
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLEHR, HOEBACH, TEST, ALBRITTON & HERBERT
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
```

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/05420
FILING DATE: 28 April 1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Berttram I
REGISTRATION NUMBER: 20,015
REFERENCE/DOCKET NUMBER: FP-59079-1/BIR
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
PCT-US95-05420-1

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1295 GGGTGCATGGTC 1307
Db 1 GGCTGCCATGGTC 13

RESULT 224
PCT-US95-05420-2/c
Sequence 2, Application PC/TUS9505420
GENERAL INFORMATION:
APPLICANT: Dzaou, Victor J
TITLE OF INVENTION: METHOD FOR IN VIVO DELIVERY OF
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSER: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/05420
FILING DATE: 28 April 1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Berttram I
REGISTRATION NUMBER: 20,015
REFERENCE/DOCKET NUMBER: FP-59079-1/BIR
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA

PCT-US95-05420-2
Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1295 GGGTGCATGGTC 1307
Db 15 GGCTGCCATGGTC 3

RESULT 225
PCT-US95-05420-12
Sequence 12, Application PC/TUS9505420
GENERAL INFORMATION:
APPLICANT: Dzaou, Victor J
TITLE OF INVENTION: METHOD FOR IN VIVO DELIVERY OF
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSER: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/05420
FILING DATE: 28 April 1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Berttram I
REGISTRATION NUMBER: 20,015
REFERENCE/DOCKET NUMBER: FP-59079-1/BIR
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
PCT-US95-05420-12

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1295 GGGTGCATGGTC 1307
Db 1 GGCTGCCATGGTC 13

RESULT 226
PCT-US95-05420-13/c
Sequence 13, Application PC/TUS9505420
GENERAL INFORMATION:
APPLICANT: Dzaou, Victor J
TITLE OF INVENTION: METHOD FOR IN VIVO DELIVERY OF
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSER: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT

STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/05420
FILING DATE: 28 April 1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Berttram I.
REGISTRATION NUMBER: 20,015
REFERENCE/DOCKET NUMBER: FP-59079-1/BIR
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
PCT-US95-05420-13

Query Match 4.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1295 GGGTGCATGCTC 1307
|||
Db 15 GGCTGCATGCTC 3

RESULT 227
US-09-527-030G-166
Sequence 166, Application US/09527030G
Patent No. 6482588
GENERAL INFORMATION:
APPLICANT: VAN DOORN, Leen-Jan et al.
TITLE OF INVENTION: Detection and identification of Human Papillomavirus by PCR and
FILE REFERENCE: 3501-0101P
CURRENT APPLICATION NUMBER: US/09/527,030G
CURRENT FILING DATE: 2000-03-16
NUMBER OF SEQ ID NOS: 497
SOFTWARE: Patentin version 3.0
SEQ ID NO 166
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Probe derived from the Human Papillomavirus (HPV)
US-09-527-030G-166

Query Match 4.5%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1232 GCATGTGCTGCA 1244
|||||
Db 2 GCATTGCTGCA 14

RESULT 228
US-09-744-154-7/c
Sequence 7, Application US/09744154

Patent No. 6551783
GENERAL INFORMATION:
APPLICANT: CAREY, JANET E.
TITLE OF INVENTION: QUANTITATIVE ANALYSIS OF GENE EXPRESSION USING PCR
FILE REFERENCE: 620-126
CURRENT APPLICATION NUMBER: US/09/744,154
CURRENT FILING DATE: 2001-02-01
PRIOR APPLICATION NUMBER: PCT/GB99/02359
PRIOR FILING DATE: 1999-07-21
PRIOR APPLICATION NUMBER: GB 9815799.3
PRIOR FILING DATE: 1998-07-21
NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 7
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-744-154-7

Query Match 4.5%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1375 AGAGCAGCTGCG 1387
|||||
Db 15 AGAGCCGCTGCG 3

RESULT 229
US-07-988-194A-12
Sequence 12, Application US/07988194A
Patent No. 5359046
GENERAL INFORMATION:
APPLICANT: Capon, Daniel J.
APPLICANT: Welles, Arthur
APPLICANT: Irving, Brian A.
APPLICANT: Roberts, Margo R.
APPLICANT: Zeebo, Kristina
TITLE OF INVENTION: Chimeric Chains for Receptor
TITLE OF INVENTION: Associated Signal Transduction Pathways
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hohbach, Teet, Albritton &
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/988,194A
FILING DATE: December 9, 1992
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Berttram I.
REGISTRATION NUMBER: 20015
REFERENCE/DOCKET NUMBER: A-55107-1 CELL-0051
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: CDNA
US-07-988-194A-12

Query Match 4.4%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1240 TGCAGTGTCCGCT 1255
Db 1 TAGCAGAGTCCAGCT 16

RESULT 230
US-08-485-942A-89/c

Sequence 89, Application US/08485942A
Patent No. 6048837

GENERAL INFORMATION:

APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA,
APPLICANT: MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GAJIWALA, AND STEPHEN K. BURLE

TITLE OF INVENTION: OB POLYPEPTIDE AS MODULATORS OF BODY WEIGHT (AS
TITLE OF INVENTION: AMENDED)

NUMBER OF SEQUENCES: 99

CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson

STREET: 411 Hackensack Avenue
CITY: Hackensack

STATE: New Jersey
COUNTRY: USA

ZIP: 07601

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,942A

FILING DATE: JUNE 7, 1995

CLASSIFICATION:
APPLICATION NUMBER: 08/438,431

FILING DATE: May 10, 1995

CLASSIFICATION:
APPLICATION NUMBER: 08/347,563

FILING DATE: August 17, 1994

CLASSIFICATION:
APPLICATION NUMBER: 08/292,345

FILING DATE: August 17, 1994

CLASSIFICATION:
APPLICATION NUMBER: 600-1-087 CIP 2P

FILING DATE: August 17, 1994

CLASSIFICATION:
APPLICATION NUMBER: 600-1-087 CIP 2P

FILING DATE: August 17, 1994

CLASSIFICATION:
APPLICATION NUMBER: 600-1-087 CIP 2D

FILING DATE: August 17, 1994

CLASSIFICATION:
APPLICATION NUMBER: 600-1-087 CIP 2D

FILING DATE: August 17, 1994

CLASSIFICATION:
APPLICATION NUMBER: 600-1-087 CIP 2D

FILING DATE: August 17, 1994

CLASSIFICATION:
APPLICATION NUMBER: 600-1-087 CIP 2D

FILING DATE: August 17, 1994

CLASSIFICATION:
APPLICATION NUMBER: 600-1-087 CIP 2D

Best Local Similarity 81.2%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1209 GCAGCAGTGTCCAG 1224
Db 16 GCAGCAGCAGTGTCCAG 1

RESULT 231
US-08-488-214A-89/c

Sequence 89, Application US/08488214A
Patent No. 6124439

GENERAL INFORMATION:

APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA,
APPLICANT: MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GAJIWALA, AND STEPHEN K. BURLE

TITLE OF INVENTION: OB POLYPEPTIDE ANTIBODIES AND METHOD OF MAKING
TITLE OF INVENTION: (AS AMENDED)

NUMBER OF SEQUENCES: 99

CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson

STREET: 411 Hackensack Avenue
CITY: Hackensack

STATE: New Jersey
COUNTRY: USA

ZIP: 07601

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,214A

FILING DATE: JUNE 7, 1995

CLASSIFICATION:
APPLICATION NUMBER: 08/438,431

FILING DATE: May 10, 1995

CLASSIFICATION:
APPLICATION NUMBER: 08/347,563

FILING DATE: May 10, 1995

CLASSIFICATION:
APPLICATION NUMBER: 08/292,345

FILING DATE: August 17, 1994

CLASSIFICATION:
APPLICATION NUMBER: 08/292,345

FILING DATE: August 17, 1994

CLASSIFICATION:
APPLICATION NUMBER: 600-1-087 CIP 2D

FILING DATE: August 17, 1994

CLASSIFICATION:
APPLICATION NUMBER: 600-1-087 CIP 2D

FILING DATE: August 17, 1994

CLASSIFICATION:
APPLICATION NUMBER: 600-1-087 CIP 2D

FILING DATE: August 17, 1994

CLASSIFICATION:
APPLICATION NUMBER: 600-1-087 CIP 2D

FILING DATE: August 17, 1994

CLASSIFICATION:
APPLICATION NUMBER: 600-1-087 CIP 2D

FILING DATE: August 17, 1994

CLASSIFICATION:
APPLICATION NUMBER: 600-1-087 CIP 2D

FILING DATE: August 17, 1994

CLASSIFICATION:
APPLICATION NUMBER: 600-1-087 CIP 2D

Query Match 4.4%; Score 11.2; DB 1; Length 16;

Qy 1209 GCAGCAGTGTCCAG 1224

Db ||||| | |||||
16 GCAGCCAGCAATCAGA 1

RESULT 232
US-08-488-208A-89/c
Sequence 89, Application US/08488208A
Patent No. 6124448
GENERAL INFORMATION:
APPLICANT: THE ROCKEFELLER UNIVERSITY
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC
TITLE OF INVENTION: USES THEREOF
NUMBER OF SEQUENCES: 98
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,208A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION NUMBER: 08/485,943
FILING DATE: June 7, 1995
APPLICATION NUMBER: 08/438,431
FILING DATE: May 10, 1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/347,563
FILING DATE: No. 6124448member 30, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/292,345
FILING DATE: August 17, 1994
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP21
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 89:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
DESCRIPTION: Marker AFM199xh12
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Human
US-08-488-208A-89
Query Match 4.4%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1209 GCAGCCATCTGTGAGA 1224
Db 16 GCAGCCAGCAATCAGA 1

RESULT 233
US-08-483-211A-89/c
Sequence 89, Application US/08483211A
Patent No. 6309853
GENERAL INFORMATION:
APPLICANT: THE ROCKEFELLER UNIVERSITY
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC
TITLE OF INVENTION: USES THEREOF
NUMBER OF SEQUENCES: 98
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,211A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/485,943
FILING DATE: June 7, 1995
APPLICATION NUMBER: 08/438,431
FILING DATE: May 10, 1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/347,563
FILING DATE: No. 6309853member 30, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/292,345
FILING DATE: August 17, 1994
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP21
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 89:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
DESCRIPTION: Marker AFM199xh12
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Human
US-08-483-211A-89
Query Match 4.4%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1209 GCAGCCATCTGTGAGA 1224
Db 16 GCAGCCAGCAATCAGA 1

RESULT 234
US-08-479-737-12
Sequence 12, Application US/08479737
Patent No. 6319494
GENERAL INFORMATION:
APPLICANT: Capon, Daniel J
Weiser, Arthur
Irvine, Brian A
Robert, Margo R
Zeebo, Kristina
TITLE OF INVENTION: CHIMERIC CHAINS FOR RECEPTOR ASSOCIATED
SIGNAL TRANSDUCTION PATHWAYS
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESS: CELL GENESYS, INC.
STREET: 322 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/479,737
FILING DATE: 07-Jun-1995
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/238,405
FILING DATE: 05-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: Mandel, Saralynn
REGISTRATION NUMBER: 31,853
REFERENCE/DOCKET NUMBER: Cell 5.3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 358-9600
TELEFAX: (415) 358-0803
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 12:
US-08-479-737-12
Query Match 4.4%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
CY 1240 TGCGAGTGTCTCGGCT 1255
DB 1 TAGCAGAGTCTCAGCT 16
RESULT 235
US-08-488-223A-89/c
Sequence 89, Application US/08488223A
Patent No. 6350730
GENERAL INFORMATION:
APPLICANT: THE ROCKEFELLER UNIVERSITY
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC
ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USES THE
NUMBER OF SEQUENCES: 98
CORRESPONDENCE ADDRESS:
ADDRESS: Klaber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA

ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,223A
FILING DATE: 07-Jun-1995
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/485,943
FILING DATE: <Unknown>
APPLICATION NUMBER: 08/347,563
FILING DATE: No. 6350730ember 30, 1994
APPLICATION NUMBER: 08/292,345
FILING DATE: August 17, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP21
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 343-1684
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 89:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
DESCRIPTION: Marker AFM199xh12
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Human
SEQUENCE DESCRIPTION: SEQ ID NO: 89:
US-08-488-223A-89
Query Match 4.4%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
CY 1209 GCAGCATCTCTCAGA 1224
DB 16 GCAGCCAGCATCAGA 1
RESULT 236
US-08-801-308-3
Sequence 3, Application US/08801308
Patent No. 6368790
GENERAL INFORMATION:
APPLICANT: Scott, Robert E.
TITLE OF INVENTION: cDNA ENCODING P2P PROTEINS AND USE OF
TITLE OF INVENTION: P2P cDNA-DERIVED ANTIBODIES AND ANTISENSE REAGENTS IN
TITLE OF INVENTION: DETERMINING THE PROLIFERATIVE POTENTIAL OF NORMAL,
ABNORMAL AND CANCER CELLS IN ANIMALS AND HUMANS
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESS: Weiser & Associates, P.C.
STREET: 230 S. Fifteenth Street, Suite 500
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19102
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/801,308
FILING DATE: 18-FEB-1997
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Weiser, Gerard J.
REGISTRATION NUMBER: 19,763
REFERENCE/DOCKET NUMBER: 372.6435P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-875-8383
TELEFAX: 215-875-8394
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-801-308-3

Query Match 4.4%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1374 CAGAGCAGCTGCGTT 1389
Db 1 CAGCAGGAGCTGTGTT 16

RESULT 237

US-08-438-431A-89/c
Sequence 89, Application US/08438431A
Patent No. 6429290

GENERAL INFORMATION:

APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA, MARGHERITA MAFFEI,
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC ACIDS AND PR
NUMBER OF SEQUENCES: 99
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/438,431A
FILING DATE: May 10, 1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/347,563
FILING DATE: No. 6429290ember 30, 1994

CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/292,345
FILING DATE: August 17, 1994

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684

TELEX: 133521

INFORMATION FOR SEQ ID NO: 89:

SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: DNA (primer)
DESCRIPTION: Marker AFM199xh12
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Human
US-08-438-431A-89

Query Match 4.4%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1209 GCAGCCATCTGTCAGA 1224
Db 16 GCAGCCAGCAATCAGA 1

RESULT 238

US-08-535-249-39
Sequence 39, Application US/08535249
Patent No. 6455689

GENERAL INFORMATION:

APPLICANT: Schlingensiepen, Georg-Ferdinand
APPLICANT: Brysch, Wolfgang
APPLICANT: Schlingensiepen, Karl-Hermann
APPLICANT: Schlingensiepen, Reimar
APPLICANT: Bogdahn, Ulrich
TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of
NUMBER OF SEQUENCES: 137
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jacobson, Price, Holman & Stern
STREET: 400 Seventh St., N.W.
CITY: Washington D.C.
COUNTRY: U.S.A.
ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/535,249
FILING DATE:

CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 93 107 089.0
FILING DATE: 30-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 93 107 849.7
FILING DATE: 13-MAY-1993

ATTORNEY/AGENT INFORMATION:

NAME: Player, William E.
REGISTRATION NUMBER: 31,409
REFERENCE/DOCKET NUMBER: 10577/P58418
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 638-6666
TELEFAX: (202) 393-5350

TELEX: RCA 248593 IDEA UR

INFORMATION FOR SEQ ID NO: 39:

SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown

MOLECULE TYPE: DNA (genomic)

ANTI-SENSE: YES

US-08-535-249-39

Query Match 4.4%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy	1254	CTGCAGCAACAGCTGC	1265
Db	1	CTGAAGCAATAGTTGC	16

```

1      RESULT 239
2      US-08-488-225A-89/c
3      : Sequence 89, Application US/08488225A
4      : Patent No. 6471956
5      : GENERAL INFORMATION:
6      : APPLICANT: THE ROCKEFELLER UNIVERSITY
7      : TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
8      : TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USES
9      : NUMBER OF SEQUENCES: 98
10     : CORRESPONDENCE ADDRESS:
11     : ADDRESSEE: Klauber & Jackson
12     : STREET: 411 Hackensack Avenue
13     : CITY: Hackensack
14     : STATE: New Jersey
15     : COUNTRY: USA
16     : ZIP: 07601
17     : COMPUTER READABLE FORM:
18     : MEDIUM TYPE: Floppy disk
19     : COMPUTER: IBM PC compatible
20     : OPERATING SYSTEM: PC-DOS/MS-DOS
21     : SOFTWARE: Patent Release #1.0, Version #1.25
22     : CURRENT APPLICATION DATA:
23     : APPLICATION NUMBER: US/08/488,225A
24     : FILING DATE: June 7, 1995
25     : CLASSIFICATION: 435
26     : PRIOR APPLICATION DATA:
27     : APPLICATION NUMBER: 08/483,211
28     : FILING DATE: June 7, 1995
29     : CLASSIFICATION: 435
30     : PRIOR APPLICATION DATA:
31     : APPLICATION NUMBER: 08/438,431
32     : FILING DATE: May 10, 1995
33     : CLASSIFICATION: 435
34     : PRIOR APPLICATION DATA:
35     : APPLICATION NUMBER: 08/347,563
36     : FILING DATE: No. 6471956ember 30, 1994
37     : CLASSIFICATION: 435
38     : PRIOR APPLICATION DATA:
39     : APPLICATION NUMBER: 08/292,345
40     : FILING DATE: August 17, 1994
41     : CLASSIFICATION: 435
42     : ATTORNEY/AGENT INFORMATION:
43     : NAME: Jackson Esq., David A.
44     : REGISTRATION NUMBER: 26,742
45     : REFERENCE/DOCKET NUMBER: 600-1-087 CIP2J
46     : TELECOMMUNICATION INFORMATION:
47     : TELEPHONE: 201 487-5800
48     : TELEFAX: 201 343-1684
49     : TELEX: 133521
50     : INFORMATION FOR SEQ ID NO: 89:
51     : SEQUENCE CHARACTERISTICS:
52     : LENGTH: 16 base pairs
53     : TYPE: nucleic acid
54     : STRANDEDNESS: single
55     : TOPOLOGY: linear
56     : MOLECULE TYPE: DNA (primer)
57     : DESCRIPTION: Marker AFM199xh12
58     : HYBOTHEICAL: NO
59     : ANTI-SENSE: NO
60     : ORIGINAL SOURCE:
61     : ORGANISM: Human
62     : US-08-488-225A-89
63
64     Query Match 4.4%; Score 11.2; DB 1; Length 16;
65     Best Local Similarity 81.2%; Pred. No. 1.8e+02;
66     Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
67
68     1209 GCAAGCATCTGTGAGA 1224
69
70     y

```

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      db       16 GCAGCGACGATCAGA 1
      RESULT 240
      US-09-060-299-443/c
      ; Sequence 443, Application US/09060299
      ; Patent No. 6545137
      GENERAL INFORMATION:
      APPLICANT: Todd, John A
      APPLICANT: Hess, John W
      APPLICANT: Caskey, Charles T
      APPLICANT: Cox, Roger D
      APPLICANT: Gerhold, David
      APPLICANT: Hammond, Holly
      APPLICANT: Hey, Patricia
      APPLICANT: Kawaguchi, Yoshihiko
      APPLICANT: Merriman, Tony R
      APPLICANT: Metzger, Michael L
      TITLE OF INVENTION: No. 6545137el Receptor
      NUMBER OF SEQUENCES: 45
      CORRESPONDENCE ADDRESSES:
      ADDRESSEE: Nixon and Vanderhye
      STREET: 1100 No. 6545137th Globe Road, Eighth Floor
      CITY: Arlington
      STATE: Virginia
      COUNTRY: US
      COMPUTER READABLE FORM:
      MEDIUM TYPE: Floppy disk
      COMPUTER: IBM PC compatible
      OPERATING SYSTEM: PC-DOS/MS-DOS
      SOFTWARE: Patentrin Release #1.0, Version #1.25 (EPO)
      CURRENT APPLICATION DATA:
      APPLICATION NUMBER: US/09/060,299
      FILING DATE: 15-APR-1998
      CLASSIFICATION: 435
      PRIOR APPLICATION DATA:
      APPLICATION NUMBER: US 60/043,553
      FILING DATE: 15-APR-1997
      PRIOR APPLICATION DATA:
      APPLICATION NUMBER: US 60/048,740
      FILING DATE: 05-JUN-1997
      ATTORNEY/AGENT INFORMATION:
      NAME: B.J.Sadoff
      REGISTRATION NUMBER: 36,663
      REFERENCE/DOCKET NUMBER: 620-35
      TELECOMMUNICATION INFORMATION:
      TELEPHONE: (703)816-4091
      TELEFAX: (703)816-4100
      INFORMATION FOR SEQ ID NO: 443:
      SEQUENCE CHARACTERISTICS:
      LENGTH: 16 base pairs
      TYPE: nucleic acid
      STRANDEDNESS: double
      TOPOLOGY: linear
      US-09-060-299-443

Query Match          4.4% Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.8e+02;
Matches   13; Conservative    0; Mismatches    3; Indels    0; Gaps    0;

QY      1395 GAGCTGCTGCACAGAC 1410
Db       16 GGGCTGCTGCACAAGAC 1

RESULT 241
US-09-402-923A-443/C
; Sequence 443, Application US/09402923A
; Patent No. 6555654
GENERAL INFORMATION:
APPLICANT: Todd, John A
APPLICANT: Hess, John W

```

```
;
; Caskey, Charles T
; Cox, Roger D
; Gerhold, David
; Hammond, Holly
; Hey, Patricia
; Kawaguchi, Yoshihiko
; Metzker, Michael L
; Merriman, Tony R
; TITLE OF INVENTION: No. 6555654e1 LDL-Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESS: Nixon and Vandertye
; STREET: 1100 No. 6555654th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; ZIP: VA 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/402,923A
; FILING DATE: 14-Feb-2001
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB98/01102
; FILING DATE: 15-APR-1998
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B. J. Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-81
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-41091
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 443:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 443:
;
; US-09-402-923A-443
;
; Query Match 4.4%; Score 11.2; DB 1; Length 16;
; Best Local Similarity 81.2%; Pred. No. 1.8e+02;
; Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 1395 GAGCTGCTGCACAGACC 1410
; DB 16 GGCGCTGCTGCACAGAC 1
;
; RESULT 242
; US-09-829-855-47/c
; Sequence 47, Application US/09829855
; Patent No. 6613520
; GENERAL INFORMATION:
; APPLICANT: Matthew, Ashby N.
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
; FILE REFERENCE: ASHBY-1
; CURRENT APPLICATION NUMBER: US/09/829,855
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: US 60/196063
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: US 60/196258
; PRIOR FILING DATE: 2000-04-11
; NUMBER OF SEQ ID NOS: 244
; SOFTWARE: Patentin version 3.1
```

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; SEQ ID NO 47
; LENGTH: 16
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: unidentified soil organism
; US-09-829-855-47
;
; Query Match 4.4%; Score 11.2; DB 1; Length 16;
; Best Local Similarity 81.2%; Pred. No. 1.8e+02;
; Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 1396 AGCTGCTGCACAGACC 1411
; DB 16 AGCTGCGGACAGACC 1
;
; RESULT 243
; US-09-829-855-131/c
; Sequence 131, Application US/09829855
; Patent No. 6613520
; GENERAL INFORMATION:
; APPLICANT: Matthew, Ashby N.
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
; FILE REFERENCE: ASHBY-1
; CURRENT APPLICATION NUMBER: US/09/829,855
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: US 60/196063
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: US 60/196258
; PRIOR FILING DATE: 2000-04-11
; NUMBER OF SEQ ID NOS: 244
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 131
; LENGTH: 16
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: unidentified soil organism
; US-09-829-855-131
;
; Query Match 4.4%; Score 11.2; DB 1; Length 16;
; Best Local Similarity 81.2%; Pred. No. 1.8e+02;
; Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 1396 AGCTGCTGCACAGACC 1411
; DB 16 AGCTGCGGACAGACC 1
;
; RESULT 244
; US-09-866-108A-8647/c
; Sequence 8647, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
```

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8647
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8647

Query Match      4.4%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1250 CCGGCTGCAGCAACG 1265
DB      17 CCAGCTGCAGCTGCG 2

RESULT 245
; US-09-866-108A-8649/c
; Sequence 8649, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263, 6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8649
```

```

; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8649

Query Match      4.4%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1249 TCCGCTGCAGCAACA 1264
DB      16 TCCAGCTGCAGCTGCA 1

RESULT 246
; US-09-404-912-566
; Sequence 566, Application US/09404912
; Patent No. 6703228
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charrest
; TITLE OF INVENTION: Methods and Products Related to
; FILE REFERENCE: M0656/7045(HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/404,912
; CURRENT FILING DATE: 1999-09-24
; PRIOR APPLICATION NUMBER: US 60/101,757
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 566
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo Sapiens
; US-09-404-912-566

Query Match      4.4%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1373 CCAGAGCAGCTGCGT 1388
DB      2 CAAGATCAGCTGCAT 17

RESULT 247
; US-08-953-269-2/c
; Sequence 2, Application US/08953269
; Patent No. 6472209
; GENERAL INFORMATION:
; APPLICANT: Richelson, Elliot
; APPLICANT: Tyler, Beth Marie
; APPLICANT: McCormick, Daniel J.
; APPLICANT: Cusack, Bernadette Marie
; APPLICANT: Hoshall, Clark V.
; APPLICANT: Douglas, Christopher Lee
; APPLICANT: Jansen, Karen
; TITLE OF INVENTION: USING POLYAMIDE NUCLEIC ACID OLIGOMERS
; FILE REFERENCE: 07039/073001
; CURRENT APPLICATION NUMBER: US/08/953,269
; CURRENT FILING DATE: 1997-10-17
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PasteSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Rat
; US-08-953-269-2
```

Query Match 4.4%; Score 11; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0;

QY 1268 GGAAGAGGCTG 1278
Db 11 GGAAGAGGCTG 1

RESULT 248
US-09-168-791-2/c
; Sequence 2, Application US/09168791
; Patent No. 6723560
; GENERAL INFORMATION:
; APPLICANT: Richelson, Elliott
; APPLICANT: Tyler, Beth Marie
; APPLICANT: Cusack, Bernadette Marie
; APPLICANT: Jansen, Karen
; APPLICANT: Douglas, Christopher Lee
; TITLE OF INVENTION: USING POLYAMIDE NUCLEIC ACID OLIGOMERS
; TITLE OF INVENTION: TO ENGINEER A BIOLOGICAL RESPONSE
; FILE REFERENCE: 07039/126001
; CURRENT APPLICATION NUMBER: US/09/168,791
; CURRENT FILING DATE: 1998-10-08
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: FASTSEQ for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Rat
US-09-168-791-2

Query Match 4.4%; Score 11; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0;

QY 1268 GGAAGAGGCTG 1278
Db 11 GGAAGAGGCTG 1

RESULT 249
US-09-016-685-2/c
; Sequence 2, Application US/09016685
; Patent No. 6743627
; GENERAL INFORMATION:
; APPLICANT: Richelson, Elliott
; APPLICANT: Tyler, Beth Marie
; APPLICANT: McCormick, Daniel J.
; APPLICANT: Cusack, Bernadette Marie
; APPLICANT: Hoshall, Clark V.
; APPLICANT: Douglas, Christopher Lee
; APPLICANT: Jansen, Karen
; TITLE OF INVENTION: USING POLYAMIDE NUCLEIC ACID OLIGOMERS
; TITLE OF INVENTION: TO ENGINEER A BIOLOGICAL RESPONSE
; FILE REFERENCE: 07039/083001
; CURRENT APPLICATION NUMBER: US/09/016,685
; CURRENT FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 08/953,269
; EARLIER FILING DATE: 1997-10-17
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: FASTSEQ for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Rat
US-09-016-685-2

Query Match 4.4%; Score 11; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1268 GGAAGAGGCTG 1278
Db 11 GGAAGAGGCTG 1

RESULT 250
US-08-686-116A-19/c
; Sequence 19, Application US/08686116A
; Patent No. 5714331
; GENERAL INFORMATION:
; APPLICANT: Buchardt et al.
; TITLE OF INVENTION: Peptide Nucleic Acids Having Enhanced
; TITLE OF INVENTION: Binding Affinity, Sequence Specificity
; Patent No. 5714331
; TITLE OF INVENTION: ans Solubility
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5714331iris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/686,116A
; FILING DATE: July 24, 1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/108,591
; FILING DATE: 22-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Michael P. Straner
; REGISTRATION NUMBER: 38,325
; REFERENCE/DOCKET NUMBER: ISIS-2271
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 1
; OTHER INFORMATION: fluorescein conjugated
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 2
; OTHER INFORMATION: thymine attached to aminoethyl-lysine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 8
; OTHER INFORMATION: thymine attached to aminoethyl-lysine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 10
; OTHER INFORMATION: thymine attached to aminoethyl-lysine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 12
; OTHER INFORMATION: thymine attached to aminoethyl-lysine
; OTHER INFORMATION: backbone
US-08-686-116A-19

Query Match 4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1,7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1284 AGAGACCTCA 1294
DB 12 AGAGACCTCA 2

RESULT 251
US-08-686-116A-20/c
Sequence 20, Application US/08686116A
Patent No. 5714331
GENERAL INFORMATION:
APPLICANT: Buchardt et al.
TITLE OF INVENTION: Peptide Nucleic Acids Having Enhanced
TITLE OF INVENTION: Binding Affinity, Sequence Specificity
Patent No. 5714331
TITLE OF INVENTION: and Solubility
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5714331ris LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/686,116A
FILING DATE: July 24, 1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/108,591
FILING DATE: 22-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Michael P. Straher
REGISTRATION NUMBER: 38,325
REFERENCE/DOCKET NUMBER: ISIS-2271
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: conjugated with fluorescent dye
FEATURE:
NAME/KEY: Modified-site
LOCATION: 2
OTHER INFORMATION: thymine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 8
OTHER INFORMATION: thymine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 10
OTHER INFORMATION: thymine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 10

NAME/KEY: Modified-site
LOCATION: 12
OTHER INFORMATION: thymine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
US-08-686-116A-20

Query Match 4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1,7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1284 AGAGACCTCA 1294
DB 12 AGAGACCTCA 2

RESULT 252
US-08-685-484-19/c
Sequence 19, Application US/08685484
Patent No. 5719262
GENERAL INFORMATION:
APPLICANT: Buchardt et al.
TITLE OF INVENTION: Peptide Nucleic Acids Having Amino Acid
TITLE OF INVENTION: Side Chains
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5719262ris LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/685,484
FILING DATE: 24-JUL-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/108,591
FILING DATE: 22-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Michael P. Straher
REGISTRATION NUMBER: 38,325
REFERENCE/DOCKET NUMBER: ISIS-2270
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: fluorescein conjugated
FEATURE:
NAME/KEY: Modified-site
LOCATION: 2
OTHER INFORMATION: thymine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 8
OTHER INFORMATION: thymine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 10

OTHER INFORMATION: thymine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 12
OTHER INFORMATION: thymine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
US-08-685-484-19

Query Match 4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1284 AGAGACCTCA 1294
Db 12 AGAGACCTCA 2

RESULT 253
US-08-685-484-20/c
Sequence 20, Application US/08685484
Patent No. 5719262
GENERAL INFORMATION:
APPLICANT: Buchardt et al.
TITLE OF INVENTION: Peptide Nucleic Acids Having Amino Acid
TITLE OF INVENTION: Side Chains
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSER: Woodcock Washburn Kurtz Mackiewicz & No. 5719262ris LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/685,484
FILING DATE: 24-JUL-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/108,591
FILING DATE: 22-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Michael P. Straher
REGISTRATION NUMBER: 38,325
REFERENCE/DOCKET NUMBER: ISIS-2270
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: conjugated with fluorescent dye
FEATURE:
NAME/KEY: Modified-site
LOCATION: 2
OTHER INFORMATION: thymine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 8
OTHER INFORMATION: thymine attached to aminoethyl-lysine
OTHER INFORMATION: backbone

FEATURE:
NAME/KEY: Modified-site
LOCATION: 10
OTHER INFORMATION: thymine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 12
OTHER INFORMATION: thymine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
US-08-685-484-20

Query Match 4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1284 AGAGACCTCA 1294
Db 12 AGAGACCTCA 2

RESULT 254
US-08-847-108-19/c
Sequence 19, Application US/08847108
Patent No. 5736336
GENERAL INFORMATION:
APPLICANT: Buchardt et al.
TITLE OF INVENTION: Peptide Nucleic Acids Having Enhanced
TITLE OF INVENTION: Binding Affinity, Sequence Specificity
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSER: Woodcock Washburn Kurtz Mackiewicz & No. 5736336ris LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/847,108
FILING DATE: 01-MAY-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/686,116
FILING DATE: July 24, 1996
APPLICATION NUMBER: 08/108,591
FILING DATE: 22-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Michael P. Straher
REGISTRATION NUMBER: 38,325
REFERENCE/DOCKET NUMBER: ISIS-2271
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: fluorescein conjugated
FEATURE:
NAME/KEY: Modified-site
LOCATION: 2

OTHER INFORMATION: thymine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 8
OTHER INFORMATION: thymine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 10
OTHER INFORMATION: thymine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 12
OTHER INFORMATION: thymine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
US-08-847-108-19

Query Match 4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1284 AGAGACCTCA 1294
DB 12 AGAGACCTCA 2

RESULT 255
US-08-847-108-20/c
Sequence 20, Application US/08847108
Patent No. 5736336
GENERAL INFORMATION:
APPLICANT: Buchardt et al.
TITLE OF INVENTION: Peptide Nucleic Acids Having Enhanced
TITLE OF INVENTION: Binding Affinity, Sequence Specificity
Patent No. 5736336
TITLE OF INVENTION: and Solubility
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5736336-1s LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/847,108
FILING DATE: 01-MAY-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/686,116
FILING DATE: July 24, 1996
APPLICATION NUMBER: 08/108,591
FILING DATE: 22-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Michael P. Straher
REGISTRATION NUMBER: 38,325
REFERENCE/DOCKET NUMBER: ISIS-2271
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

FEATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: conjugated with fluorescent dye
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 2
OTHER INFORMATION: thymine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 8
OTHER INFORMATION: thymine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 10
OTHER INFORMATION: thymine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 12
OTHER INFORMATION: thymine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
US-08-847-108-20

Query Match 4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1284 AGAGACCTCA 1294
DB 12 AGAGACCTCA 2

RESULT 256
US-08-686-113A-32/c
Sequence 32, Application US/08686113A
Patent No. 5766855
GENERAL INFORMATION:
APPLICANT: Buchardt et al.
TITLE OF INVENTION: Peptide Nucleic Acids Having Enhanced
TITLE OF INVENTION: Affinity And Sequence Specificity
Patent No. 5766855
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5766855-1s
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/686,113A
FILING DATE: July 24, 1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/108,591
FILING DATE: 22-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Michael P. Straher
REGISTRATION NUMBER: 38,325
REFERENCE/DOCKET NUMBER: ISIS-2273
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:

```

1      LENGTH: 15 bases
2      TYPE: nucleic acid
3      STRANDEDNESS: single
4      TOPOLOGY: linear
5
6      FEATURE:
7      NAME/KEY: Modified-site
8      LOCATION: 1
9      OTHER INFORMATION: fluorescein conjugated
10
11     FEATURE:
12     NAME/KEY: Modified-site
13     LOCATION: 2
14     OTHER INFORMATION: thymine attached to aminoethyl-lysine
15
16     OTHER INFORMATION: backbone
17
18     FEATURE:
19     NAME/KEY: Modified-site
20     LOCATION: 8
21     OTHER INFORMATION: thymine attached to aminoethyl-lysine
22
23     OTHER INFORMATION: backbone
24
25     FEATURE:
26     NAME/KEY: Modified-site
27     LOCATION: 10
28     OTHER INFORMATION: thymine attached to aminoethyl-lysine
29
30     OTHER INFORMATION: backbone
31
32     FEATURE:
33     NAME/KEY: Modified-site
34     LOCATION: 12
35     OTHER INFORMATION: thymine attached to aminoethyl-lysine
36
37     OTHER INFORMATION: backbone
38
39     US-08-686-113A-32

```

Query Match	4.4%;	Score 11;	DB 1;	Length 15;
Best Local Similarity	100.0%;	Pred. No. 1.7e+02;		
Matches 11;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

QY	1284	AGAGACCCCTCA	1294
Db	12	AGAGACCCCTCA	2

RESULT 257
 US-08-686-113A-33/C
 : Sequence 33, Application US/08686113A
 : Patent No. 5766855
 : GENERAL INFORMATION:
 : APPLICANT: Buchardt et al.
 : TITLE OF INVENTION: Peptide Nucleic Acids Having Enhanced
 : TITLE OF INVENTION: Affinity And Sequence Specificity
 : Patent No. 5766855
 : NUMBER OF SEQUENCES: 60
 : CORRESPONDENCE ADDRESS:
 : ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5766855stris
 : STREET: One Liberty Place - 46th Floor
 : CITY: Philadelphia
 : STATE: PA
 : COUNTRY: U.S.A.
 : ZIP: 19103
 : COMPUTER READABLE FORM:
 : MEDIUM TYPE: 3.5 inch disk, 1.44 MB
 : COMPUTER: IBM PC compatible
 : OPERATING SYSTEM: PC-DOS/MS-DOS
 : SOFTWARE: Wordperfect 6.1
 : CURRENT APPLICATION DATA:
 : APPLICATION NUMBER: US/08/686,113A
 : FILING DATE: July 24, 1996
 : CLASSIFICATION: 435
 : PRIOR APPLICATION DATA:
 : APPLICATION NUMBER: 08/108,591
 : FILING DATE: 22-NOV-1993
 : ATTORNEY/AGENT INFORMATION:
 : NAME: Michael P. Straher
 : REGISTRATION NUMBER: 38,325
 : REFERENCE/DOCKET NUMBER: ISIS-2273
 : TELECOMMUNICATION INFORMATION:

```

; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO:
; SEQUENCE CHARACTERISTICS:
;

```

```

; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:

```

```

; NAME/KEY: Modified-site
; LOCATION: 1
; OTHER INFORMATION: conjugated with fluorescent dye
; FEATURE:

```

```

? LOCATION: 2 thymine attached to aminoethyl-lysine
? OTHER INFORMATION:
? OTHER INFORMATION: backbone
? FEATURE:
?

```

```

1 NAME/KEY: Modified-site
2 LOCATION: 8
3 OTHER INFORMATION: thymine attached to aminoethyl-L-lysine
4 OTHER INFORMATION: backbone
5

```

```

1 NAME/KEY: Modified-site
2 LOCATION: 10
3 OTHER INFORMATION: thymine attached to aminoethyl-L-lysine
4 OTHER INFORMATION: backbone
5

```

```

1 FEATURE:
2 NAME/KEY: Modified-site
3 LOCATION: 12
4 OTHER INFORMATION: thymine attached to aminomethyl-lysine
5

```

OTHER INFORMATION: thymine attached to aminoethyl-lysine
; OTHER INFORMATION: backbone
US-08-686-113A-33

Query Match	4.4%	Score 11	DB 1	Length 15
Best Local Similarity	100.0%	Pred. No. 1.7e+02		
Matches 11, Conservative	0	Mismatches 0	Indels 0	Gaps 0

QY	1284	AGAGACCCCTCA	1294
Db	12	AGAGACCCCTCA	2

RESULT 258
US-08-847-095A-19/C
Sequence 19, Application US/08847095A
Patent No. 5786461
GENERAL INFORMATION:
APPLICANT: Buchardt et al.
TITLE OF INVENTION: Peptide Nucleic Acids Having Amino Acid
TITLE OF INVENTION: Side Chains
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5786461ris LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 MB
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/847,095A
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/685,484
FILING DATE: 24-JUL-1996
APPLICATION NUMBER: 08/106,551
FILING DATE: 22-NOV-1993

ATTORNEY/AGENT INFORMATION:
NAME: Michael P. Straher
REGISTRATION NUMBER: 38,325
REFERENCE/DOCKET NUMBER: ISIS-2270
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: fluorescein conjugated
FEATURE:
NAME/KEY: Modified-site
LOCATION: 2
OTHER INFORMATION: thymine attached to aminoethyl-lysine
FEATURE:
NAME/KEY: Modified-site
LOCATION: 8
OTHER INFORMATION: thymine attached to aminoethyl-lysine
FEATURE:
NAME/KEY: Modified-site
LOCATION: 10
OTHER INFORMATION: thymine attached to aminoethyl-lysine
FEATURE:
NAME/KEY: Modified-site
LOCATION: 12
OTHER INFORMATION: thymine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
US-08-847-095A-19

Query Match 4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY 1284 AGAGACCTCA 1294
DB 12 AGAGACCTCA 2

RESULT 259
US-08-847-095A-20/C
Sequence 20, Application US/08847095A
Patent No. 5786461
GENERAL INFORMATION:
APPLICANT: Buchardt et al.
TITLE OF INVENTION: Peptide Nucleic Acids Having Amino Acid
TITLE OF INVENTION: Side Chains
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESS: Woodcock Washburn Kurtz Mackiewicz & No. 5786461xis LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/847,095A
FILING DATE:
CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/685,484
FILING DATE: 24-JUL-1996
APPLICATION NUMBER: 08/108,591
FILING DATE: 22-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Michael P. Straher
REGISTRATION NUMBER: 38,325
REFERENCE/DOCKET NUMBER: ISIS-2270
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: conjugated with fluorescent dye
FEATURE:
NAME/KEY: Modified-site
LOCATION: 2
OTHER INFORMATION: thymine attached to aminoethyl-lysine
FEATURE:
NAME/KEY: Modified-site
LOCATION: 8
OTHER INFORMATION: thymine attached to aminoethyl-lysine
FEATURE:
NAME/KEY: Modified-site
LOCATION: 10
OTHER INFORMATION: thymine attached to aminoethyl-lysine
FEATURE:
NAME/KEY: Modified-site
LOCATION: 12
OTHER INFORMATION: thymine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
US-08-847-095A-20

Query Match 4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CY 1284 AGAGACCTCA 1294
DB 12 AGAGACCTCA 2

RESULT 260
US-08-311-486C-33/C
Sequence 33, Application US/08311486C
Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisch
APPLICANT: Dan T. Stinchcomb
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TME-1
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESS: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles

STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-33

Query Match 4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1271 AGAGGCTGAGG 1281
|||||

Db 15 AGAGGCTGAGG 5

RESULT 261
US-08-311-486C-34/C
Sequence 34, Application US/08311486C
Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisch
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwigen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNF-
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-34

Query Match 4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1269 GAAGAGGCTGA 1279
|||||

Db 11 GAAGAGGCTGA 1

RESULT 262
US-08-311-486C-94/C
Sequence 94, Application US/08311486C
Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisch
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwigen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNF-
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:

two

APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 94:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRADEDNESS: single
TOPOLOGY: linear
US-08-311-486C-94

Query Match 4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1263 CAGCTGAGA 1273
Db 15 CAGCTGAGA 5

RESULT 263
US-08-311-486C-95/c
Sequence 95, Application US/08311486C
Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisch
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwigen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNF-
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Filth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166

TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 95:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRADEDNESS: single
TOPOLOGY: linear
US-08-311-486C-95

Query Match 4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1263 CAGCTGAGA 1273
Db 14 CAGCTGAGA 4

RESULT 264
US-08-311-486C-543/c
Sequence 543, Application US/08311486C
Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisch
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwigen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNF-
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Filth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 543:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-543

Query Match 4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1269 GAAGAGCTGA 1279
DB 11 GAAGAGCTGA 1

RESULT 265

US-08-311-486C-544/C
; Sequence 544, Application US/08311486C
; Patent No. 5811300
; GENERAL INFORMATION:
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth Draper
; APPLICANT: Kevin Kisch
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF-
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/311,486C
; FILING DATE: September 23, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/166
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 544:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-311-486C-544

Query Match 4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1269 GAAGAGCTGA 1279
DB 11 GAAGAGCTGA 1

RESULT 266

US-08-311-486C-621/C
; Sequence 621, Application US/08311486C
; Patent No. 5811300
; GENERAL INFORMATION:
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth Draper
; APPLICANT: Kevin Kisch
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF-
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/311,486C
; FILING DATE: September 23, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/166
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 621:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-311-486C-621

Query Match 4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1263 CAGCTGAGAGA 1273
DB 15 CAGCTGAGAGA 5

RESULT 267

US-08-311-486C-622/C
; Sequence 622, Application US/08311486C

Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kleich
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwigen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNF-
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Filth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 622:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-622

Query Match 4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1263 CAGCTGAGA 1273
Db 14 CAGCTGAGA 4

RESULT 268
US-08-585-684B-1358/c
Sequence 1358, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES

NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Filth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1358:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-1358

Query Match 4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1272 CAGGCTGAGG 1282
Db 14 CAGGCTGAGG 4

RESULT 269
US-09-038-073-1358/c
Sequence 1358, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Filth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Waiburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1358:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-1358

Query Match 4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1272 GAGGCTGAGG 1282
Db 14 GAGGCTGAGG 4

RESULT 270
US-09-081-646-306/c
Sequence 306, Application US/09081646
Patent No. 6333152
GENERAL INFORMATION:
APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Zhang, Lin
APPLICANT: Zhou, Wei
TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
TITLE OF INVENTION: Cancer Cells
FILE REFERENCE: 01107.74664
CURRENT APPLICATION NUMBER: US/09/081,646
CURRENT FILING DATE: 1998-05-20
EARLIER APPLICATION NUMBER: 60/047,352
EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 306
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-09-081-646-306

Query Match 4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1206 AGGCGAGCCAT 1216
Db 12 AGGCGAGCCAT 2

RESULT 271
US-08-686-114B-32/c
Sequence 32, Application US/08686114B
Patent No. 6414112
GENERAL INFORMATION:
APPLICANT: Buchardt et al.
TITLE OF INVENTION: Peptide Nucleic Acids Having 2,6-Diaminopurine Nucleob
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESS: Woodcock Washburn Kurtz Mackiewicz & No. 6414112ris LLP

STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/686,114B
FILING DATE: July 24, 1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/108,591
FILING DATE: 22-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Michael P. Straher
REGISTRATION NUMBER: 38,325
REFERENCE/DOCKET NUMBER: ISIS-2272
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

FEATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: fluorescein conjugated
FEATURE:
NAME/KEY: Modified-site
LOCATION: 2
OTHER INFORMATION: thymine attached to aminoethyl-lysine
FEATURE:
NAME/KEY: Modified-site
LOCATION: 8
OTHER INFORMATION: thymine attached to aminoethyl-lysine
FEATURE:
NAME/KEY: Modified-site
LOCATION: 10
OTHER INFORMATION: thymine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 12
OTHER INFORMATION: thymine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
US-08-686-114B-32

Query Match 4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1284 AGAGACCTCA 1294
Db 12 AGAGACCTCA 2

RESULT 272
US-08-686-114B-33/c
Sequence 33, Application US/08686114B
Patent No. 6414112
GENERAL INFORMATION:
APPLICANT: Buchardt et al.
TITLE OF INVENTION: Peptide Nucleic Acids Having 2,6-Diaminopurine Nucleob
NUMBER OF SEQUENCES: 60


```

CORRESPONDENCE ADDRESS:
ADDRESSES: Woodcock Washburn Kurtz Mackiewicz & No. 641411216 LLP
SERVER: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 MB
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/686,114B
FILING DATE: July 24, 1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/108,591
FILING DATE: 22-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Michael P. Straher
REGISTRATION NUMBER: 38,325
REFERENCE/DOCKET NUMBER: ISIS-2272
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: conjugated with fluorescent dye
FEATURE:
NAME/KEY: Modified-site
LOCATION: 2
OTHER INFORMATION: thymine attached to aminoethyl-lysine
FEATURE:
NAME/KEY: Modified-site
LOCATION: 8
OTHER INFORMATION: thymine attached to aminoethyl-lysine
FEATURE:
NAME/KEY: Modified-site
LOCATION: 10
OTHER INFORMATION: thymine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
NAME/KEY: Modified-site
LOCATION: 12
OTHER INFORMATION: thymine attached to aminoethyl-lysine
OTHER INFORMATION: backbone
US-08-686-114B-33

Query Match          4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1284 AGAGACCTCA 1294
      |||||
      12 AGAGACCTCA 2

Db

RESULT 273
US-09-402-048-3
; Sequence 3, Application US/09402048
; Patent No. 6600028
; GENERAL INFORMATION:
; APPLICANT: BROWN ET AL
```

```

TITLE OF INVENTION: TRICYCLIC BASE ANALOGS
FILE REFERENCE: 28911/35902
CURRENT APPLICATION NUMBER: US/09/402,048
CURRENT FILING DATE: 2000-02-01
PRIOR APPLICATION NUMBER: PCT/GB98/00978
PRIOR FILING DATE: 1998-04-02
PRIOR APPLICATION NUMBER: EP 97302265.0
PRIOR FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-09-402-048-3

Query Match          4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1232 GCATGTGCTGG 1242
      |||||
      2 GCATGTGCTGG 12

Db

RESULT 274
US-09-402-048-6
; Sequence 6, Application US/09402048
; Patent No. 6600028
; GENERAL INFORMATION:
; APPLICANT: BROWN ET AL
; TITLE OF INVENTION: TRICYCLIC BASE ANALOGS
; FILE REFERENCE: 28911/35902
; CURRENT APPLICATION NUMBER: US/09/402,048
; CURRENT FILING DATE: 2000-02-01
; PRIOR APPLICATION NUMBER: PCT/GB98/00978
; PRIOR FILING DATE: 1998-04-02
; PRIOR APPLICATION NUMBER: EP 97302265.0
; PRIOR FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-402-048-6

Query Match          4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1232 GCATGTGCTGG 1242
      |||||
      2 GCATGTGCTGG 12

Db

RESULT 275
US-09-337-304-32/C
; Sequence 32, Application US/09337304
; Patent No. 6613873
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter E.
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids Having 2, 6-Diaminopurine Nucleobases
; FILE REFERENCE: ISIS-3809
; CURRENT APPLICATION NUMBER: US/09/337,304
; CURRENT FILING DATE: 1999-06-21
```

```

; PRIOR APPLICATION NUMBER: 08/847,110
; PRIOR FILING DATE: 1997-05-01
; PRIOR APPLICATION NUMBER: 08/686,114
; PRIOR FILING DATE: 1996-07-24
; PRIOR APPLICATION NUMBER: 08/108,591
; PRIOR FILING DATE: 1993-11-22
; PRIOR APPLICATION NUMBER: 986/91
; PRIOR FILING DATE: 1991-05-24
; PRIOR APPLICATION NUMBER: 987/91
; PRIOR FILING DATE: 1991-05-24
; PRIOR APPLICATION NUMBER: 510/92
; PRIOR FILING DATE: 1992-04-15
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 32
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: fluorescein conjugated
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (2)..(2)
; OTHER INFORMATION: thymine attached to aminoethyl-lysine backbone
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: thymine attached to aminoethyl-lysine backbone
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (10)..(10)
; OTHER INFORMATION: thymine attached to aminoethyl-lysine backbone
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (12)..(12)
; OTHER INFORMATION: thymine attached to aminoethyl-lysine backbone
US-09-337-304-32

Query Match          4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1284 AGAGACCTCA 1284
Db       12 AGAGACCTCA 2

RESULT 276
US-09-337-304-33/C
; Sequence 33, Application US/09337304
; Patent No. 6613873
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter E.
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids Having 2, 6-Diaminopurine Nucleobases
; FILE REFERENCE: ISIS-3809
; CURRENT APPLICATION NUMBER: US/09/337,304
; CURRENT FILING DATE: 1999-06-21
; PRIOR APPLICATION NUMBER: 08/847,110
; PRIOR FILING DATE: 1997-05-01
; PRIOR APPLICATION NUMBER: 08/686,114
; PRIOR FILING DATE: 1996-07-24
; PRIOR APPLICATION NUMBER: 08/108,591
; PRIOR FILING DATE: 1993-11-22
; PRIOR APPLICATION NUMBER: 986/91
; PRIOR FILING DATE: 1991-05-24
; PRIOR APPLICATION NUMBER: 987/91
```

```

; PRIOR FILING DATE: 1991-05-24
; PRIOR APPLICATION NUMBER: 510/92
; PRIOR FILING DATE: 1992-04-15
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 33
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: conjugated with fluorescent dye
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (2)..(2)
; OTHER INFORMATION: thymine attached to aminoethyl-lysine backbone
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: thymine attached to aminoethyl-lysine backbone
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (10)..(10)
; OTHER INFORMATION: thymine attached to aminoethyl-lysine backbone
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (12)..(12)
; OTHER INFORMATION: thymine attached to aminoethyl-lysine backbone
US-09-337-304-33

Query Match          4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1284 AGAGACCTCA 1294
Db       12 AGAGACCTCA 2

RESULT 277
US-09-898-210-1
; Sequence 1, Application US/09898210
; Patent No. 6664058
; GENERAL INFORMATION:
; APPLICANT: Kumar, Shiv
; APPLICANT: Nampalli, Satyam
; APPLICANT: Neagu, Constantin
; APPLICANT: McDougall, Mark
; APPLICANT: Loakes, David
; TITLE OF INVENTION: Base Analogues
; FILE REFERENCE: PA0036
; CURRENT APPLICATION NUMBER: US/09/898,210
; CURRENT FILING DATE: 2001-07-03
; PRIOR APPLICATION NUMBER: GB0016258.6
; PRIOR FILING DATE: 2000-07-03
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide
US-09-898-210-1

Query Match          4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Oy 1232 GCATGCTGCTG 1242
|||
Db 2 GCATGCTGCTG 12

RESULT 278

US-09-230-088-19/c
; Sequence 19, Application US/09230088

Patent No. 6710164

GENERAL INFORMATION:

APPLICANT: Nielsen, Peter

APPLICANT: Egholm, Michael

APPLICANT: Berg, Rolf

APPLICANT: Buchardt, Ole

APPLICANT: Buchardt, Dorte

TITLE OF INVENTION: Peptide Nucleic Acids Having Enhanced Binding Affinity, Sequence

FILE REFERENCE: ISIS2535

CURRENT FILING DATE: 1999-03-10

PRIOR APPLICATION NUMBER: US/09/230,088

PRIOR FILING DATE: 1997-07-24

PRIOR APPLICATION NUMBER: 08/685,484

PRIOR FILING DATE: 1996-07-24

PRIOR APPLICATION NUMBER: 08/686,116

PRIOR FILING DATE: 1996-07-24

PRIOR APPLICATION NUMBER: 08/686,114

PRIOR FILING DATE: 1996-07-24

PRIOR APPLICATION NUMBER: 08/686,113

PRIOR FILING DATE: 1996-07-24

PRIOR APPLICATION NUMBER: 60/051,002

PRIOR FILING DATE: 1997-05-29

PRIOR APPLICATION NUMBER: 08/108,591

PRIOR FILING DATE: 1993-11-22

NUMBER OF SEQ ID NOS: 53

SOFTWARE: PatentIn version 3.0

SEQ ID NO 19

LENGTH: 15

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

NAME/KEY: misc feature

OTHER INFORMATION: No. 6710164el Sequence

NAME/KEY: modified_base

LOCATION: (1)..(1)

OTHER INFORMATION: fluorescein conjugated

NAME/KEY: modified_base

LOCATION: (2)..(2)

OTHER INFORMATION: thymine attached to aminoethyl-lysine backbone

NAME/KEY: modified_base

LOCATION: (8)..(8)

OTHER INFORMATION: thymine attached to aminoethyl-lysine backbone

NAME/KEY: modified_base

LOCATION: (10)..(10)

OTHER INFORMATION: thymine attached to aminoethyl-lysine backbone

NAME/KEY: modified_base

LOCATION: (12)..(12)

OTHER INFORMATION: thymine attached to aminoethyl-lysine backbone

US-09-230-088-19

Query Match 4.4%; Score 11; DB 1; Length 15;

Best Local Similarity 100.0%; Pred. No. 1.7e+02; Indels 0; Gaps 0;

Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1284 AGAGACCTCA 1294

|||
Db 12 AGAGACCTCA 2

RESULT 279

US-09-230-088-20/c
; Sequence 20, Application US/09230088

Patent No. 6710164

GENERAL INFORMATION:

APPLICANT: Nielsen, Peter

APPLICANT: Egholm, Michael

APPLICANT: Berg, Rolf

APPLICANT: Buchardt, Ole

APPLICANT: Buchardt, Dorte

TITLE OF INVENTION: Peptide Nucleic Acids Having Enhanced Binding Affinity, Sequence

FILE REFERENCE: ISIS2535

CURRENT FILING DATE: 1999-03-10

PRIOR APPLICATION NUMBER: PCT/US97/12811

PRIOR FILING DATE: 1997-07-24

PRIOR APPLICATION NUMBER: 08/685,484

PRIOR FILING DATE: 1996-07-24

PRIOR APPLICATION NUMBER: 08/686,116

PRIOR FILING DATE: 1996-07-24

PRIOR APPLICATION NUMBER: 08/686,114

PRIOR FILING DATE: 1996-07-24

PRIOR APPLICATION NUMBER: 08/686,113

PRIOR FILING DATE: 1996-07-24

PRIOR APPLICATION NUMBER: 60/051,002

PRIOR FILING DATE: 1997-05-29

PRIOR APPLICATION NUMBER: 08/108,591

PRIOR FILING DATE: 1993-11-22

NUMBER OF SEQ ID NOS: 53

SOFTWARE: PatentIn version 3.0

SEQ ID NO 20

LENGTH: 15

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

NAME/KEY: misc feature

OTHER INFORMATION: No. 6710164el Sequence

NAME/KEY: modified_base

LOCATION: (1)..(1)

OTHER INFORMATION: conjugated with fluorescent dye

NAME/KEY: modified_base

LOCATION: (2)..(2)

OTHER INFORMATION: thymine attached to aminoethyl-lysine backbone

NAME/KEY: modified_base

LOCATION: (8)..(8)

OTHER INFORMATION: thymine attached to aminoethyl-lysine backbone

NAME/KEY: modified_base

LOCATION: (10)..(10)

OTHER INFORMATION: thymine attached to aminoethyl-lysine backbone

NAME/KEY: modified_base

LOCATION: (12)..(12)

OTHER INFORMATION: thymine attached to aminoethyl-lysine backbone

US-09-230-088-20

Query Match 4.4%; Score 11; DB 1; Length 15;

Best Local Similarity 100.0%; Pred. No. 1.7e+02; Indels 0; Gaps 0;

Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1284 AGAGACCTCA 1294

|||
Db 12 AGAGACCTCA 2

RESULT 280

US-09-152-059-10
; Sequence 10, Application US/09152059

Patent No. 6794499

GENERAL INFORMATION:

APPLICANT: MENDEL, JESPER

APPLICANT: NIELSEN, BOU

TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES

FILE REFERENCE: 49165 (71994)

CURRENT APPLICATION NUMBER: US/09/152,059

CURRENT FILING DATE: 1998-09-11

PRIOR APPLICATION NUMBER: 60/058,541

```
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-152-059-10
```

```
Query Match          4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Cy      1232 GCATGTCGCTGG 1242
          |||||
Db       2 GCATGTCGCTGG 12
```

```
RESULT 281
US-09-152-059-11
; Sequence 11, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-152-059-11
```

```
Query Match          4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Cy      1232 GCATGTCGCTGG 1242
          |||||
Db       1 GCATGTCGCTGG 11
```

```
RESULT 282
US-09-152-059-12
; Sequence 12, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (1)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (5)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (10)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
US-09-152-059-12
```

```
Query Match          4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Cy      1232 GCATGTCGCTGG 1242
          |||||
Db       2 GCATGTCGCTGG 12
```

```
RESULT 283
US-09-152-059-13
; Sequence 13, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; PRIOR FILING DATE: 1998-09-11
```

PRIOR APPLICATION NUMBER: 60/058,541
PRIOR FILING DATE: 1997-09-12
PRIOR APPLICATION NUMBER: 60/068,293
PRIOR FILING DATE: 1997-12-19
PRIOR APPLICATION NUMBER: 60/071,682
PRIOR FILING DATE: 1998-01-16
PRIOR APPLICATION NUMBER: 60/076,591
PRIOR FILING DATE: 1998-03-03
PRIOR APPLICATION NUMBER: 60/083,507
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/088,309
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/094,355
PRIOR FILING DATE: 1998-07-28
NUMBER OF SEQ ID NOS: 146
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: modified_base
LOCATION: (15)
OTHER INFORMATION: LNA monomer
OTHER INFORMATION: Description of Artificial Sequence: LNA modified
US-09-152-059-13

Query Match 4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1232 GCATGCTCTGG 1242
Db 1 GCATGCTCTGG 11

RESULT 284
US-09-152-059-14
Sequence 14, Application US/09152059
Patent No. 6794499
GENERAL INFORMATION:
APPLICANT: NIELSEN, JESPER
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
FILE REFERENCE: 49165 (71994)
CURRENT FILING DATE: 1998-09-11
PRIOR APPLICATION NUMBER: 60/058,541
PRIOR FILING DATE: 1997-09-12
PRIOR APPLICATION NUMBER: 60/068,293
PRIOR FILING DATE: 1997-12-19
PRIOR APPLICATION NUMBER: 60/071,682
PRIOR FILING DATE: 1998-01-16
PRIOR APPLICATION NUMBER: 60/076,591
PRIOR FILING DATE: 1998-03-03
PRIOR APPLICATION NUMBER: 60/083,507
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/088,309
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/094,355
PRIOR FILING DATE: 1998-07-28
NUMBER OF SEQ ID NOS: 146
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 14
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-152-059-14

Query Match 4.4%; Score 11; DB 1; Length 15;

Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1232 GCATGCTCTGG 1242
Db 2 GCATGCTCTGG 12

RESULT 285
US-09-152-059-15
Sequence 15, Application US/09152059
Patent No. 6794499
GENERAL INFORMATION:
APPLICANT: NIELSEN, JESPER
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
FILE REFERENCE: 49165 (71994)
CURRENT FILING DATE: 1998-09-11
PRIOR APPLICATION NUMBER: 60/058,541
PRIOR FILING DATE: 1997-09-12
PRIOR APPLICATION NUMBER: 60/068,293
PRIOR FILING DATE: 1997-12-19
PRIOR APPLICATION NUMBER: 60/071,682
PRIOR FILING DATE: 1998-01-16
PRIOR APPLICATION NUMBER: 60/076,591
PRIOR FILING DATE: 1998-03-03
PRIOR APPLICATION NUMBER: 60/083,507
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/088,309
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/094,355
PRIOR FILING DATE: 1998-07-28
NUMBER OF SEQ ID NOS: 146
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 15
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-152-059-15

Query Match 4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1232 GCATGCTCTGG 1242
Db 2 GCATGCTCTGG 12

RESULT 286
US-09-152-059-20
Sequence 20, Application US/09152059
Patent No. 6794499
GENERAL INFORMATION:
APPLICANT: NIELSEN, JESPER
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
FILE REFERENCE: 49165 (71994)
CURRENT FILING DATE: 1998-09-11
PRIOR APPLICATION NUMBER: 60/058,541
PRIOR FILING DATE: 1997-09-12
PRIOR APPLICATION NUMBER: 60/068,293
PRIOR FILING DATE: 1997-12-19
PRIOR APPLICATION NUMBER: 60/071,682
PRIOR FILING DATE: 1998-01-16
PRIOR APPLICATION NUMBER: 60/076,591
PRIOR FILING DATE: 1998-03-03
PRIOR APPLICATION NUMBER: 60/083,507
PRIOR FILING DATE: 1998-04-29

;; PRIOR APPLICATION NUMBER: 60/088,309
;; PRIOR FILING DATE: 1998-06-05
;; PRIOR APPLICATION NUMBER: 60/094,355
;; PRIOR FILING DATE: 1998-07-28
;; NUMBER OF SEQ ID NOS: 146
;; SOFTWARE: PatentIn Ver. 2.1
;; SEQ ID NO 20
;; LENGTH: 15
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE: Description of Artificial Sequence: Synthetic
;; OTHER INFORMATION: oligonucleotide
US-09-152-059-20

Query Match 4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1232 GCATGTCTGG 1242
|||
Db 1 GCATGTCTGG 11

RESULT 287
US-09-152-059-21
;; Sequence 21, Application US/09152059
;; Patent No. 6794499
;; GENERAL INFORMATION:
;; APPLICANT: WENDEL, JESPER
;; APPLICANT: NIELSEN, POUL
;; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
;; FILE REFERENCE: 49165 (71994)
;; CURRENT APPLICATION NUMBER: US/09/152,059
;; CURRENT FILING DATE: 1998-09-11
;; PRIOR APPLICATION NUMBER: 60/058,541
;; PRIOR FILING DATE: 1997-09-12
;; PRIOR APPLICATION NUMBER: 60/068,293
;; PRIOR FILING DATE: 1997-12-19
;; PRIOR APPLICATION NUMBER: 60/071,682
;; PRIOR FILING DATE: 1998-01-16
;; PRIOR APPLICATION NUMBER: 60/076,591
;; PRIOR FILING DATE: 1998-03-03
;; PRIOR APPLICATION NUMBER: 60/083,507
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/088,309
;; PRIOR FILING DATE: 1998-06-05
;; PRIOR APPLICATION NUMBER: 60/094,355
;; PRIOR FILING DATE: 1998-07-28
;; NUMBER OF SEQ ID NOS: 146
;; SOFTWARE: PatentIn Ver. 2.1
;; SEQ ID NO 21
;; LENGTH: 15
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; NAME/KEY: modified_base
;; LOCATION: (15)
;; OTHER INFORMATION: LNA monomer
;; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
;; OTHER INFORMATION: oligonucleotide
US-09-152-059-21

Query Match 4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1232 GCATGTCTGG 1242
|||
Db 1 GCATGTCTGG 11

RESULT 288

US-09-152-059-53
;; Sequence 53, Application US/09152059
;; Patent No. 6794499
;; GENERAL INFORMATION:
;; APPLICANT: WENDEL, JESPER
;; APPLICANT: NIELSEN, POUL
;; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
;; FILE REFERENCE: 49165 (71994)
;; CURRENT APPLICATION NUMBER: US/09/152,059
;; CURRENT FILING DATE: 1998-09-11
;; PRIOR APPLICATION NUMBER: 60/058,541
;; PRIOR FILING DATE: 1997-09-12
;; PRIOR APPLICATION NUMBER: 60/068,293
;; PRIOR FILING DATE: 1997-12-19
;; PRIOR APPLICATION NUMBER: 60/071,682
;; PRIOR FILING DATE: 1998-01-16
;; PRIOR APPLICATION NUMBER: 60/076,591
;; PRIOR FILING DATE: 1998-03-03
;; PRIOR APPLICATION NUMBER: 60/083,507
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/088,309
;; PRIOR FILING DATE: 1998-06-05
;; PRIOR APPLICATION NUMBER: 60/094,355
;; PRIOR FILING DATE: 1998-07-28
;; NUMBER OF SEQ ID NOS: 146
;; SOFTWARE: PatentIn Ver. 2.1
;; SEQ ID NO 53
;; LENGTH: 15
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-152-059-53

Query Match 4.4%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1232 GCATGTCTGG 1242
|||
Db 2 GCATGTCTGG 12

RESULT 289
US-08-623-471-10
;; Sequence 10, Application US/08623471
;; Patent No. 5846823
;; GENERAL INFORMATION:
;; APPLICANT: Allelix Biopharmaceuticals Inc
;; APPLICANT: Owolabi, Joshua
;; APPLICANT: Rampeasad, Vikarna
;; APPLICANT: Kamboj, Rajender
;; TITLE OF INVENTION: STABLE D4 CELL LINES
;; NUMBER OF SEQUENCES: 12
;; CORRESPONDENCE ADDRESSES:
;; ADDRESSEE: Allelix Biopharmaceuticals Inc
;; STREET: 6850 Goreway Drive
;; CITY: Mississauga
;; COUNTRY: Canada
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/623,471
;; FILING DATE:
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: PCT/CA94/00538
;; FILING DATE: 27-SEP-1994
;; ATTORNEY/AGENT INFORMATION:
;; NAME: RIDDOUT & MAYBEE, Attn. Robert G. Hiron

```
REFERENCE/DOCKET NUMBER: ALTEL/51B
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) -868-1482
TELEFAX: (416) -362-0823
TELEX:
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-623-471-10

Query Match      4.3% Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy      1415 TGCTGAGCGGCGCA 1428
Db      1 TGCTGAGCGGCGCA 14

RESULT 290
US-08-232-087A-6/c
Sequence 6, Application US/08232087A
Patent No. 5866372
GENERAL INFORMATION:
APPLICANT: Stein, Harald
APPLICANT: D rKop, Horst
APPLICANT: Latza, Ute
TITLE OF INVENTION: Lymphoid CD30-Antigen
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Birch, Stewart, Kolasch & Birch, LLP
STREET: 8110 Gatehouse Road, Suite 500 East
CITY: Falls Church
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22042
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/232.087A
FILING DATE: 08-SEP-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Murphy Jr., Gerald M.
REGISTRATION NUMBER: 28,977
REFERENCE/DOCKET NUMBER: 756-103P
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 205-8000
TELEFAX: (703) 205-8050
TELEX: 248345
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-232-087A-6

Query Match      4.3% Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Cy      1369 CTTACGAGAGCAG 1382
Db      14 CTTCCAGAGCAG 1

RESULT 291
US-08-613-417A-29
Sequence 29, Application US/08613417A
Patent No. 5874553
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: Phosphomonoester nucleic acids, and their use
NUMBER OF SEQUENCES: 33
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/613.417A
FILING DATE:
CLASSIFICATION: 514
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ANTI-SENSE: Yes
FEATURE:
NAME/KEY: exon
LOCATION: 1..14
US-08-613-417A-29

Query Match      4.3% Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy      1268 GGAAGAGCTGAGC 1281
Db      1 GGAAGAGCTGAGC 14

RESULT 292
US-08-594-452-29
Sequence 29, Application US/08594452
Patent No. 6013639
GENERAL INFORMATION:
APPLICANT: PRYMAN, Anuschitwan
APPLICANT: UHLMANN, Eugen
TITLE OF INVENTION: G CAP-STABILIZED OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 105
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/594.452
FILING DATE: 31-JAN-1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE 195 02 912.7
FILING DATE: 31-JAN-1995
```

ATTORNEY/AGENT INFORMATION:
NAME: SANDERCOCK, Colin G.
REGISTRATION NUMBER: 31,298
REFERENCE/DOCKET NUMBER: 18748/264/HOCE
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 672-5300
TELEFAX: (202) 672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-594-452-29

Query Match 4.3%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1268 GGAAGAGCTGAGG 1281
Db 1 GGAGAGTCTGAGG 14

RESULT 293
US-08-913-833-17
Sequence 17, Application US/08913833
Patent No. 6087093
GENERAL INFORMATION:
APPLICANT: STUYVER, LIEVEN
APPLICANT: LOUWAGIE, JOOST
APPLICANT: ROSSAU, RUDI
TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED
TITLE OF INVENTION: MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE
NUMBER OF SEQUENCES: 164
CORRESPONDENCE ADDRESS:
ADDRESSEE: ARNOLD, WHITE & DURKEE
STREET: P.O. BOX 4433
CITY: HOUSTON
STATE: TEXAS
COUNTRY: USA
ZIP: 77210-4433
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word 6.0 / ASCII text output
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/913,833
FILING DATE: 15 Sep 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP97/00211
FILING DATE: 17 Jan 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 96870005.4
FILING DATE: 26 Jan 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 96870081.5
FILING DATE: 25 Jun 1996
ATTORNEY/AGENT INFORMATION:
NAME: KAMMERER, PATRICIA A.
REGISTRATION NUMBER: 29,775
REFERENCE/DOCKET NUMBER: INNS:008
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO

US-08-913-833-17

Query Match 4.3%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1262 ACAGCTGGAAGAGG 1275
Db 1 AGAGCTGGAAGAGG 14

RESULT 294
US-08-913-833-26
Sequence 26, Application US/08913833
Patent No. 6087093
GENERAL INFORMATION:
APPLICANT: STUYVER, LIEVEN
APPLICANT: LOUWAGIE, JOOST
APPLICANT: ROSSAU, RUDI
TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED
TITLE OF INVENTION: MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE
NUMBER OF SEQUENCES: 164
CORRESPONDENCE ADDRESS:
ADDRESSEE: ARNOLD, WHITE & DURKEE
STREET: P.O. BOX 4433
CITY: HOUSTON
STATE: TEXAS
COUNTRY: USA
ZIP: 77210-4433
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word 6.0 / ASCII text output
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/913,833
FILING DATE: 15 Sep 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP97/00211
FILING DATE: 17 Jan 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 96870005.4
FILING DATE: 26 Jan 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 96870081.5
FILING DATE: 25 Jun 1996
ATTORNEY/AGENT INFORMATION:
NAME: KAMMERER, PATRICIA A.
REGISTRATION NUMBER: 29,775
REFERENCE/DOCKET NUMBER: INNS:008
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-913-833-26

Query Match 4.3%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1262 ACAGCTGGAAGAGG 1275
Db 1 AGAAGCTGGAAGAGG 14

RESULT 295
US-09-258-408-29
Sequence 29, Application US/09258408

Patent No. 6121434
GENERAL INFORMATION:
APPLICANT: PEYMAN, Anuschirwan
TITLE OF INVENTION: G CAP-STABILIZED OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 105
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/258,408
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/594,452
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: SANDERCOCK, Colin G.
REGISTRATION NUMBER: 31,298
REFERENCE/DOCKET NUMBER: 18748/264/HOCE
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 672-5300
TELEFAX: (202) 672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-258-408-29

Query Match 4.3%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1268 GGAGAGGCTGAGG 1281
Db 1 GGAGATGCTGAGG 14

RESULT 296
US-09-196-132-29
Sequence 29, Application US/09196132
Patent No. 6127346
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: Phosphonomoester nucleic acids,
TITLE OF INVENTION: Process for their preparation, and their use
NUMBER OF SEQUENCES: 33
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/196,132
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/613,417
FILING DATE:
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:

LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ANTI-SENSE: yes
FEATURE:
NAME/KEY: exon
LOCATION: 1..14
US-09-196-132-29

Query Match 4.3%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1268 GGAGAGGCTGAGG 1281
Db 1 GGAGATGCTGAGG 14

RESULT 297
US-08-765-340-120/c
Sequence 120, Application US/08765340
Patent No. 6150092
GENERAL INFORMATION:
APPLICANT: UCHIDA, K.
APPLICANT: UCHIDA, T.
APPLICANT: TANAKA, Y.
APPLICANT: MATSUDA, Y.,
APPLICANT: KONDO, S.
TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID
TITLE OF INVENTION: COMPOUND
NUMBER OF SEQUENCES: 185
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
STREET: 345 PARK AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
SOFTWARE: #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/765,340
FILING DATE: 23-DEC-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 145146/94
FILING DATE: 27-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 311130/94
FILING DATE: 21-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: SERUNIAN, LESLIE
REGISTRATION NUMBER: 35,353
REFERENCE/DOCKET NUMBER: 1452-4005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 120:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
US-08-765-340-120

Query Match 4.3%; Score 10.8; DB 1; Length 14;

Best Local Similarity 85.7%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1273 AGGCTGAGGCGAGA 1286

Db 14 AGGAGAGGCGAGA 1

RESULT 298

US-09-580-794C-17
Sequence 17, Application US/09580794C

Patent No. 6311389

GENERAL INFORMATION:

APPLICANT: Stuyver, Lieven

APPLICANT: Louwaghe, Joost

APPLICANT: Rossau, Rudi

TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE

FILE REFERENCE: INNS008--2

CURRENT APPLICATION NUMBER: US/09/580,794C

PRIOR FILING DATE: 2000-05-30

PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093

PRIOR FILING DATE: 1997-09-15

PRIOR APPLICATION NUMBER: PCT/EP 97/00211

PRIOR FILING DATE: 1997-01-17

PRIOR APPLICATION NUMBER: EP 96870005.4

PRIOR FILING DATE: 1996-01-26

PRIOR APPLICATION NUMBER: EP 96870081.5

PRIOR FILING DATE: 1996-06-25

NUMBER OF SEQ ID NOS: 164

SOFTWARE: Patentin version 3.0

SEQ ID NO 17

LENGTH: 14

TYPE: DNA

ORGANISM: Artificial sequence

FEATURE:

OTHER INFORMATION: Synthetic Primer

US-09-580-794C-17

Query Match 4.3%; Score 10.8; DB 1; Length 14;

Best Local Similarity 85.7%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1262 ACAGCTGGAGAGG 1275

Db 1 AGAGCTGGAAAAGG 14

RESULT 299

US-09-580-794C-26
Sequence 26, Application US/09580794C

Patent No. 6311389

GENERAL INFORMATION:

APPLICANT: Stuyver, Lieven

APPLICANT: Louwaghe, Joost

APPLICANT: Rossau, Rudi

TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE

FILE REFERENCE: INNS008--2

CURRENT APPLICATION NUMBER: US/09/580,794C

PRIOR FILING DATE: 2000-05-30

PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093

PRIOR FILING DATE: 1997-09-15

PRIOR APPLICATION NUMBER: PCT/EP 97/00211

PRIOR FILING DATE: 1997-01-17

PRIOR APPLICATION NUMBER: EP 96870005.4

PRIOR FILING DATE: 1996-01-26

PRIOR APPLICATION NUMBER: EP 96870081.5

PRIOR FILING DATE: 1996-06-25

NUMBER OF SEQ ID NOS: 164

SOFTWARE: Patentin version 3.0

SEQ ID NO 26

LENGTH: 14

TYPE: DNA
ORGANISM: Artificial sequence

FEATURE:

OTHER INFORMATION: Synthetic Primer

US-09-580-794C-26

Query Match 4.3%; Score 10.8; DB 1; Length 14;

Best Local Similarity 85.7%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1262 ACAGCTGGAGAGG 1275

Db 1 AGAAGCTGGAAGAG 14

RESULT 300

US-08-666-341A-34/C
Sequence 34, Application US/08666341A

Patent No. 6365345

GENERAL INFORMATION:

APPLICANT:

TITLE OF INVENTION: Antisense nucleic Acids for the

TITLE OF INVENTION: prevention and treatment of disorders in which expression

NUMBER OF SEQUENCES: 106

CORRESPONDENCE ADDRESS:

ADDRESSEE: Jacobson, Price, Holman and Stern, PLLC

STREET: 400 Seventh street, N.W.

CITY: Washington

STATE: D.C.

COUNTRY: USA

ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disc

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25 (BPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/666,341A

FILING DATE: 15-AUG-1996

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: EP 93120710.4

INFORMATION FOR SEQ ID NO: 34:

SEQUENCE CHARACTERISTICS:

LENGTH: 14 base pairs

TYPE: nucleic acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: DNA (genomic)

ANTI-SENSE: YES

US-08-666-341A-34

Query Match 4.3%; Score 10.8; DB 1; Length 14;

Best Local Similarity 85.7%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1294 AGGTGCGATGTC 1307

Db 14 AGTGTCTATGTC 1

RESULT 301

US-09-943-983C-17
Sequence 17, Application US/09943983C

Patent No. 6713251

GENERAL INFORMATION:

APPLICANT: Stuyver, Lieven

APPLICANT: Louwaghe, Joost

APPLICANT: Rossau, Rudi

TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE

FILE REFERENCE: 11362.0008.DUUS02 (INNS008--3)

CURRENT APPLICATION NUMBER: US/09/943,983C
CURRENT FILING DATE: 2001-08-31
PRIOR APPLICATION NUMBER: US 09/580,794
PRIOR FILING DATE: 2000-05-30
PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093
PRIOR FILING DATE: 1997-09-15
PRIOR APPLICATION NUMBER: PCT/EP 97/00211
PRIOR FILING DATE: 1997-01-17
PRIOR APPLICATION NUMBER: EP 96870005.4
PRIOR FILING DATE: 1996-01-26
PRIOR APPLICATION NUMBER: EP 96870081.5
PRIOR FILING DATE: 1996-06-25
NUMBER OF SEQ ID NOS: 164
SOFTWARE: PatentIn version 3.0
SEQ ID NO: 17
LENGTH: 14
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Synthetic Primer
US-09-943-983C-17

Query Match 4.3%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1262 ACAGCTGGAAGG 1275
| | | | | | | | | | | | | | | | | |
Db 1 AGAGCTGGAAGG 14

RESULT 302
US-09-943-983C-26
Sequence 26, Application US/09943983C
Patent No. 6713251
GENERAL INFORMATION:
APPLICANT: Stuyver, Lieven
APPLICANT: Louwaghe, Joost
APPLICANT: Rousseau, Rudi
TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
FILE REFERENCE: 11362,0008.DUS02 (INNS008--3)
CURRENT APPLICATION NUMBER: US/09/943,983C
CURRENT FILING DATE: 2001-08-31
PRIOR APPLICATION NUMBER: US 09/580,794
PRIOR FILING DATE: 2000-05-30
PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093
PRIOR FILING DATE: 1997-09-15
PRIOR APPLICATION NUMBER: PCT/EP 97/00211
PRIOR FILING DATE: 1997-01-17
PRIOR APPLICATION NUMBER: EP 96870005.4
PRIOR FILING DATE: 1996-01-26
PRIOR APPLICATION NUMBER: EP 96870081.5
PRIOR FILING DATE: 1996-06-25
NUMBER OF SEQ ID NOS: 164
SOFTWARE: PatentIn version 3.0
SEQ ID NO: 26
LENGTH: 14
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Synthetic Primer
US-09-943-983C-26

Query Match 4.3%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
OY 1262 ACAGCTGGAAGG 1275
| | | | | | | | | | | | | | | | | |
Db 1 AGAGCTGGAAGG 14

RESULT 303
US-08-133-248-3/c
Sequence 3, Application US/08133248
Patent No. 5525714
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: MUTATED FORM OF THE BETA-AMYLOID PRECURSOR
TITLE OF INVENTION: PROTEIN GENE
NUMBER OF SEQUENCES: 8
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (ERO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/133,248
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-133-248-3

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1330 TCTTCTCCAGGCA 1343
| | | | | | | | | | | | | | | | | |
Db 14 TCTTCTCCAAAGAA 1

RESULT 304
US-08-311-760A-227
Sequence 227, Application US/08311760A
Patent No. 5599706
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James
APPLICANT: Newton, Roger S.
APPLICANT: Ramharack, Randy
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
NUMBER OF SEQUENCES: 392
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,760A
FILING DATE: September 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/155
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 227:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-760A-227

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 50.0%; Pred. No. 1.8e+02;
Matches 7; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Qy 1301 GATGTCATCTGTG 1314
|:|:|:|:|:|:
Db 2 CUGGUCUUCUUG 15

RESULT 305
US-08-182-968A-363/c
Sequence 363, Application US/08182968A
Patent No. 5610054
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 497
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/182,968A
FILING DATE: 13-JANUARY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/882,888
FILING DATE: 14-MAY-1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 205/277
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 363:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-182-968A-363

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1278 GAGGCGAGAGACCC 1291
|||||
Db 15 GAGGCGGAGAGACCC 2

RESULT 306
US-08-291-932A-79
Sequence 79, Application US/08291932A
Patent No. 5658780
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwigen, James
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: NF-KB
NUMBER OF SEQUENCES: 830
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/291,932A
FILING DATE: August 15, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/157
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 79:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-291-932A-79

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 1.8e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 1385 GCGTTTGCTGAGC 1398
|||:|:|:|:|:
Db 2 GCGUAGUCUGUC 15

RESULT 307
US-08-363-240A-73/c
Sequence 73, Application US/08363240A
Patent No. 5705388
GENERAL INFORMATION:

APPLICANT: Couture, Larry
APPLICANT: McSwiggen, James
APPLICANT: Bisgaier, Charles
APPLICANT: Page, Michael
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: PREVENTION, INHIBITION OF
TITLE OF INVENTION: PROGRESSION AND REGRESSION
TITLE OF INVENTION: OF VASCULAR DISEASES
NUMBER OF SEQUENCES: 1243
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,240A
FILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 73:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-363-240A-73

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1308 ATCTGTGACGACT 1321
DB 15 ATTGTGAACGACT 2

RESULT 308
US-08-363-240A-74/C
Sequence 74, Application US/08363240A
Patent No. 5705388
GENERAL INFORMATION:
APPLICANT: Couture, Larry
APPLICANT: McSwiggen, James
APPLICANT: Bisgaier, Charles
APPLICANT: Page, Michael
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: PREVENTION, INHIBITION OF
TITLE OF INVENTION: PROGRESSION AND REGRESSION
TITLE OF INVENTION: OF VASCULAR DISEASES
NUMBER OF SEQUENCES: 1243
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles

STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,240A
FILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 74:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-363-240A-74

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1308 ATCTGTGACGACT 1321
DB 14 ATTGTGAACGACT 1

RESULT 309
US-08-311-486C-670
Sequence 670, Application US/08311486C
Patent No. 5813300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisch
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNF- α
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435

PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 670:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-670

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 64.3%; Pred. No. 1.8e+02;
Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Oy 1244 AGTGTCGGCTGC 1257
Db 2 AGUGGUCAGGUUC 15

RESULT 310
US-08-292-620A-58/C
Sequence 58, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992

two

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 58:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-58

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 1300 CCATGTCATCTGT 1313
Db 15 CCATGTCATCTCT 2

RESULT 311
US-08-292-620A-108/C
Sequence 108, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

two

TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 108
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-108

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 1374 CAGAGCAGCTGCG 1387
Db 14 CAGAGAGCTGCG 1

RESULT 312
US-08-292-620A-494
Sequence 494, Application US/08292620A
Patent No. 3837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 494:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-292-620A-494

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 1.8e+02;
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Oy 1316 GCAGCTAGGAGGC 1329
Db 2 GCAGCUNAGCGACC 15

RESULT 313
US-08-292-620A-595/c
Sequence 595, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 595:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-595

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 1271 AGAGGCTGAGGCA 1284

Db 15 AGTGGCTGAGGCTA 2

RESULT 314
US-08-292-620A-689
; Sequence 689, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwigen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 689:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-689

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 1.8e+02;
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 1316 GCAGCTAGGAGACC 1329
Db 2 GAGCUNAGCGAGCC 15

RESULT 315
US-08-774-306A-363/C
; Sequence 363, Application US/08774306A

; Patent No. 5869253
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/774,306A
; FILING DATE: December 26, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/227
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 363:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-774-306A-363

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1278 GAGGCGAGAGACC 1291
Db 15 GAGGCGGAGAGACC 2

RESULT 316
US-08-353-476-4
; Sequence 4, Application US/08353476
; Patent No. 5871902
; GENERAL INFORMATION:
; APPLICANT: Weininger, Susan
; APPLICANT: Weininger, Arthur M
; TITLE OF INVENTION: METHOD OF DETECTION OF DNA WITH A
; TITLE OF INVENTION: SPECIFIC SEQUENCE COMPOSITION
; NUMBER OF SEQUENCES: 117
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Saliwanchik & Saliwanchik
; STREET: 2421 N.W. 41st St., Suite A-1
; CITY: Gainesville
; STATE: Florida
; COUNTRY: USA
; ZIP: 32606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent'n Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/353,476
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Benzen, Gerard H
REGISTRATION NUMBER: 35,746
REFERENCE/DOCKET NUMBER: GP-100
TELECOMMUNICATION INFORMATION:
TELEPHONE: (904) 375-8100
TELEFAX: (904) 372-5800
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-353-476-4

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1341 GCAGAGACTTCC 1354
DB 1 GCTGGGACTTCC 14

RESULT 317
US-08-585-684B-678
Sequence 678, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 678:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-678

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 1.8e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1330 TCTTCTCCAGGCA 1343
DB 2 UGUUCUCCAAAGCA 15

RESULT 318
US-08-585-684B-679
Sequence 679, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 679:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-679

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 1.8e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1330 TCTTCTCCAGGCA 1343
DB 2 UGUUCUCCAAAGCA 15

RESULT 319
US-08-585-684B-680
Sequence 680, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 680:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-680

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 1.8e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 1330 TCTTCTCCAGCA 1343
: : : : :
Db 2 UGUUCUCAAAGCA 15

RESULT 320
US-08-585-684B-797
Sequence 797, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 797:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-797

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 64.3%; Pred. No. 1.8e+02;
Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1345 GAGACTTCCAGC 1358
: : : : :
Db 2 GACAAUUCGAGC 15

RESULT 321
US-08-585-684B-798
Sequence 798, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 798:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-798

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 64.3%; Pred. No. 1.8e+02;
Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1345 GAGACTTCCAGC 1358
Db 1 GACAATUCCAGC 14

RESULT 322
US-08-585-684B-1359/c
Sequence 1359, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1359:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-585-684B-1359

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1266 CTGGAAGAGCCTGA 1279
Db 14 CTGGGAGAGCCTGA 1

RESULT 323
US-08-585-684B-1645/c
Sequence 1645, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1645:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-1645

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1307 CATCTGAGCAGC 1320
Db 15 CATCTGAGCAGC 2

RESULT 324
US-08-585-684B-1646/c
Sequence 1646, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:

APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1646:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-1646

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1307 CATCTGAGCAGC 1320
DB 15 CATCTGAGCAGC 2

RESULT 325
US-08-585-684B-1647/c
Sequence 1647, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1647:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-1647

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1307 CATCTGAGCAGC 1320
DB 15 CATCTGAGCAGC 2

RESULT 326
US-08-585-684B-1648/c
Sequence 1648, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1648:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-1648

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1307 CATCTGTAGCAGC 1320
|||||
Db 15 CATCTGAGATCAGC 2

RESULT 327
US-08-585-684B-2099
; Sequence 2099, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 955-0440
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2099:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-684B-2099

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 1.8e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;
Qy 1326 GACCTCTCTCCAA 1339

Db 1 GACCTCTCTCCAA 14
|||||

RESULT 328
US-08-585-684B-2100
; Sequence 2100, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 955-0440
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2100:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-684B-2100

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 1.8e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 1328 CCTCTTCTCCAGG 1341
|||||
Db 2 CUCUCUCUCCAAUG 15

RESULT 329
US-08-585-684B-2295
; Sequence 2295, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751

;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Lyon & Lyon
;; STREET: 633 West Fifth Street
;; STREET: Suite 4700
;; CITY: Los Angeles
;; STATE: California
;; COUNTRY: U.S.A.
;; ZIP: 90071
;;
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: Storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: FastSeq Version 1.5
;;
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/585,684B
;; FILING DATE: January 16, 1996
;;
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 60/000,951
;; FILING DATE: July 7, 1995
;;
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 218/078
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;;
;; INFORMATION FOR SEQ ID NO: 2295:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;;
US-08-585-684B-2295

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 1.8e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1326 GACCTCTCTCCAA 1339
| : : : : :
Db 1 GGCUCUCUCCCAA 14

RESULT 330
US-08-774-310-227
; Sequence 227, Application US/08774310
; Patent No. 5877022
; GENERAL INFORMATION:
; APPLICANT: Scinichcomb, Daniel T.
; APPLICANT: McSwigen, James
; APPLICANT: Newton, Roger S.
; APPLICANT: Ramharack, Randy
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
; TITLE OF INVENTION: INHIBITING APOLOPROTEIN
; NUMBER OF SEQUENCES: 392
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0

;; SOFTWARE: FastSeq Version 1.5
;;
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/774,310
;; FILING DATE: December 23, 1996
;;
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/311,760
;; FILING DATE: September 23, 1994
;;
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 223/229
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;;
;; INFORMATION FOR SEQ ID NO: 227:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;;
US-08-774-310-227

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 50.0%; Pred. No. 1.8e+02;
Matches 7; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1301 CATGTCATCTGTG 1314
| : : : : :
Db 2 CUGGUCACUACUG 15

RESULT 331
US-08-913-833-27
; Sequence 27, Application US/08913833
; Patent No. 6087093
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; APPLICANT: LOUWAGIE, JOOST
; APPLICANT: ROSSAU, RUDI
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED
; TITLE OF INVENTION: MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE
; NUMBER OF SEQUENCES: 164
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ARNOLD, WHITE & DURKEE
; STREET: P.O. BOX 4433
; CITY: HOUSTON
; STATE: TEXAS
; COUNTRY: USA
; ZIP: 77210-4433
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft word 6.0 / ASCII text output
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/913,833
; FILING DATE: 15 Sep 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP97/00211
; FILING DATE: 17 Jan 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 96870005.4
; FILING DATE: 26 Jan 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 96870081.5
; FILING DATE: 25 Jun 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: KAMMERER, PATRICIA A.
; REGISTRATION NUMBER: 29,775
; REFERENCE/DOCKET NUMBER: INNS:008
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-913-833-27

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1262 ACAGCTGGAAGAGG 1275
Db 2 AGAAGCTGGAAGAGG 15

RESULT 332
US-08-913-833-28
Sequence 28, Application US/08913833
Patent No. 6087093
GENERAL INFORMATION:
APPLICANT: STUYVER, LIEVEN
APPLICANT: LOUMAGIE, JOOST
APPLICANT: ROSSAU, RUDI
TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED
TITLE OF INVENTION: MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE
NUMBER OF SEQUENCES: 164
CORRESPONDENCE ADDRESSES:
ADDRESSEE: ARNOLD, WHITE & DURKEE
STREET: P. O. BOX 4433
CITY: HOUSTON
STATE: TEXAS
COUNTRY: USA
ZIP: 77210-4433
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word 6.0 / ASCII text output
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/913,833
FILING DATE: 15 Sep 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP97/00211
FILING DATE: 17 Jan 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 96870005.4
FILING DATE: 26 Jan 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 96870081.5
FILING DATE: 25 Jun 1996
ATTORNEY/AGENT INFORMATION:
NAME: KAMMERER, PATRICIA A.
REGISTRATION NUMBER: 29,775
REFERENCE/DOCKET NUMBER: INNS:008
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-913-833-28

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1262 ACAGCTGGAAGAGG 1275

Db 1 AGAAGCTGGAAGAGG 14

RESULT 333
US-09-105-515-1/c
Sequence 1, Application US/09105515
Patent No. 6113913

GENERAL INFORMATION:
APPLICANT: BROUGH, DOUGLAS E.
TITLE OF INVENTION: RECOMBINANT ADENOVIRUS
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESSES:
ADDRESSEE: LEYDIG, VOIT & MAYER, LTD.
STREET: TWO PRUDENTIAL PLAZA, SUITE 4900
CITY: CHICAGO
STATE: IL
COUNTRY: US

ZIP: 60601-6780
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/105,515
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: KILYK JR., JOHN
REGISTRATION NUMBER: 30763
REFERENCE/DOCKET NUMBER: 83827
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-616-5700
TELEFAX: 312-616-5600
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-09-105-515-1

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1268 GGAAGAGCTGAGG 1261
Db 15 GGAAGAGCTGAGG 2

RESULT 334
US-09-064-156A-363/c
Sequence 363, Application US/09064156A
Patent No. 6132966
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 498
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

```

MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/064,156A
FILING DATE: April 21, 1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/774,306
FILING DATE: December 26, 1996
APPLICATION NUMBER: 08/182,968
FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 234/083
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 363:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-064-156A-363

Query Match          4.3%  Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%  Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      1278 GAGGGCAGAGACCC 1291
Db      15  GAGGGGAGAGACC 2
```

```

RESULT 335
US-09-071-845-58/C
Sequence 58, Application US/09071845
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: James McSwigen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESS: Lyon & Lyon
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
```

```

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 58:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-58

Query Match          4.3%  Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%  Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      1300 CCATGTCATCTGT 1313
Db      15  CCATGTCATCTCT 2
```

```

RESULT 336
US-09-071-845-108/C
Sequence 108, Application US/09071845
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: James McSwigen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESS: Lyon & Lyon
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
```


ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 108:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-108

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1374 CAGAGCGCTGCG 1387
DB 14 CAGGAGAGCTGCG 1

RESULT 337
US-09-071-845-494
Sequence 494, Application US/09071845
Patent No. 6132967
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 494:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-494

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 1.8e+02;
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1316 GCAGTAGCGGACC 1329
DB 2 GGAGCUAGCGGACC 15

RESULT 338
US-09-071-845-595/C
Sequence 595, Application US/09071845
Patent No. 6132967
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 595:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-09-071-845-595

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1271 AGAGCTGAGGCA 1284
15 AGTGCTGAGGTA 2

RESULT 339
US-09-071-845-689
; Sequence 689, Application US/09071845
; Patent No. 6132367

GENERAL INFORMATION:

APPLICANT: Susan Grimm

APPLICANT: Dan T. Stinchcomb

APPLICANT: James McSwigen

APPLICANT: Sean Sullivan

APPLICANT: Kenneth G. Draper

TITLE OF INVENTION: RIBOZYME TREATMENT OF

TITLE OF INVENTION: DISEASES OR CONDITIONS

TITLE OF INVENTION: RELATED TO LEVELS OF

TITLE OF INVENTION: INTRACELLULAR ADHESION

TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

NUMBER OF SEQUENCES: 2390

CORRESPONDENCE ADDRESS:

ADDRESS: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2056

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/071.845

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/292.620

FILING DATE: August 17, 1994

APPLICATION NUMBER: 08/008.895

FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989.849

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 208/149

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 689:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-09-071-845-689

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 1.8e+02;
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 1316 GCAGCTAGGAGCC 1329

Db 2 GGAGCTAGGAGCC 15
|||||

RESULT 340
US-09-377-310-30
; Sequence 30, Application US/09377310B
; Patent No. 6133031

GENERAL INFORMATION:

APPLICANT: Monica, Brett P.

APPLICANT: Gaarde, William A.

TITLE OF INVENTION: Antisense Modulation of Focal Adhesion Kinase

TITLE OF INVENTION: Expression

FILE REFERENCE: ISPH-0389

CURRENT APPLICATION NUMBER: US/09/377.310B

CURRENT FILING DATE: 1999-08-19

NUMBER OF SEQ ID NOS: 43

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 30

LENGTH: 15

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: antisense sequence

US-09-377-310-30

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;Qy 1377 AAGCAGCTGCGTT 1390
2 AAGCAGCTGCCATT 15
|||||

RESULT 341
US-09-038-073-678
; Sequence 678, Application US/09038073
; Patent No. 6194150

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Daniel T.

APPLICANT: Jarvis, Thale

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE

TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES

NUMBER OF SEQUENCES: 2751

CORRESPONDENCE ADDRESS:

ADDRESS: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FastSeq Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/038.073

FILING DATE:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/585.684

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/078

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

Qy 1316 GCAGCTAGGAGCC 1329

TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 678:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-678

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 1.8e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1330 TCTTCTCCAAGCA 1343
: : : : :
Db 2 UGUUCCCAAGCA 15

RESULT 342
US-09-038-073-679
Sequence 679, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038, 073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 679:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-679

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 1.8e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;
QY 1330 TCTTCTCCAAGCA 1343
: : : : :
Db 2 UGUUCCCAAGCA 15

Db 2 UGUUCCCAAGCA 15

RESULT 343
US-09-038-073-680
Sequence 680, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038, 073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 680:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-680

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 1.8e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1330 TCTTCTCCAAGCA 1343
: : : : :
Db 2 UGUUCCCAAGCA 15

RESULT 344
US-09-038-073-797
Sequence 797, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038.073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 797:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-797

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 64.3%; Pred. No. 1.8e+02;
Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1345 GAGACTTCCGAG 1358
Db 2 GACAAUUCGAG 15

RESULT 345
US-09-038-073-798
Sequence 798, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038.073
FILING DATE:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 798:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-798

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 64.3%; Pred. No. 1.8e+02;
Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1345 GAGACTTCCGAG 1358
Db 1 GACAAUUCGAG 14

RESULT 346
US-09-038-073-1359/C
Sequence 1359, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038.073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1359:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
US-09-038-073-1359

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1266 CTGAGAGCGCTGA 1279
Db 14 CTGGGGGAGCTGA 1

RESULT 347
US-09-038-073-1645/C
; Sequence 1645, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038.073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585.684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Wardburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1645:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-038-073-1645

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1307 CATCTGTGAGCAGC 1320
Db 15 CATCTGAGATCAGC 2

RESULT 348
US-09-038-073-1646/C
; Sequence 1646, Application US/09038073
; Patent No. 6194150

GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038.073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585.684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Wardburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1646:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-038-073-1646

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1307 CATCTGTGAGCAGC 1320
Db 15 CATCTGAGATCAGC 2

RESULT 349
US-09-038-073-1647/C
; Sequence 1647, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1647:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-1647

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1307 CATCTGAGACG 1320
Db 15 CATCTGAGATCAGC 2

RESULT 350
US-09-038-073-1648/C
Sequence 1648, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078

TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1648:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-1648

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1307 CATCTGAGACG 1320
Db 15 CATCTGAGATCAGC 2

RESULT 351
US-09-038-073-2099
Sequence 2099, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2099:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-2099

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 1.8e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 1326 GACCTCTCTCCAA 1339
| | : : : : | | | |
Db 1 GGCUCUCUCUCCA 14

RESULT 352
US-09-038-073-2100
; Sequence 2100, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FASTSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2100:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-038-073-2100

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 1.8e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 1328 CCTCTCTCCAGG 1341
| | : : : : | | | |
Db 2 CUUCUCUCUCCAUG 15

RESULT 353
US-09-038-073-2295
; Sequence 2295, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES

NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FASTSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2295:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-038-073-2295

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 1.8e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 1326 GACCTCTCTCCAA 1339
| | : : : : | | | |
Db 1 GGCUCUCUCUCCA 14

RESULT 354
US-09-275-850-25
; Sequence 25, Application US/09275850A
; Patent No. 6261774
; GENERAL INFORMATION:
; APPLICANT: Pagratlis, Nikos
; APPLICANT: Gold, Larry
; APPLICANT: Sheatland, Timur
; APPLICANT: Javornik, Brenda
; TITLE OF INVENTION: Truncation SELEX Method
; FILE REFERENCE: NEX 79
; CURRENT APPLICATION NUMBER: US/09/275,850A
; CURRENT FILING DATE: 1999-03-24
; NUMBER OF SEQ ID NOS: 351
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 25
; LENGTH: 15
; TYPE: RNA
; ORGANISM: E. coli
; US-09-275-850-25

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1373 CCAGAGCAGCTGC 1386
| | | | | | | | | | | | | | | |

Db 2 CCAGCAGCAGCGGC 15

RESULT 355

US-09-054-832-29/C
; Sequence 29, Application US/09054832
; Patent No. 6312894
; GENERAL INFORMATION:
; APPLICANT: Meyer, Rich
; TITLE OF INVENTION: IMPROVED HYBRIDIZATION AND
; TITLE OF INVENTION: MISMATCH DISCRIMINATION USING OLIGONUCLEOTIDES
; NUMBER OF INVENTION: CONJUGATED TO MINOR GROOVE BINDERS
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: PALO ALTO
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/054,832
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/415,370
; FILING DATE: 03-APR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Brennan, Sean M
; REGISTRATION NUMBER: 39,917
; REFERENCE/DOCKET NUMBER: 34469-20004.20
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-054-832-29

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1316 GCAGCTAGCGGACC 1329

Db 15 GCAGCTCGGGAACC 2

RESULT 356
US-09-580-794C-27

; Sequence 27, Application US/09580794C
; Patent No. 6331389
; GENERAL INFORMATION:
; APPLICANT: Stuyver, Lieven
; APPLICANT: Louwaagle, Joost
; APPLICANT: Rosseau, Rudi
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
; FILE REFERENCE: INNS008--2
; CURRENT APPLICATION NUMBER: US/09/580,794C
; CURRENT FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093
; PRIOR FILING DATE: 1997-09-15
; PRIOR APPLICATION NUMBER: PCT/EP 97/00211

; PRIOR FILING DATE: 1997-01-17
; PRIOR APPLICATION NUMBER: EP 96870005.4
; PRIOR FILING DATE: 1996-01-26
; PRIOR APPLICATION NUMBER: EP 96870081.5
; PRIOR FILING DATE: 1996-06-25
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 27
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-580-794C-27

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1262 ACAGCTGGAAGAG 1275

Db 2 AGAAGTGAAGAG 15

RESULT 357
US-09-580-794C-28
; Sequence 28, Application US/09580794C
; Patent No. 6331389
; GENERAL INFORMATION:
; APPLICANT: Stuyver, Lieven
; APPLICANT: Louwaagle, Joost
; APPLICANT: Rosseau, Rudi
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
; FILE REFERENCE: INNS008--2
; CURRENT APPLICATION NUMBER: US/09/580,794C
; CURRENT FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093
; PRIOR FILING DATE: 1997-09-15
; PRIOR APPLICATION NUMBER: PCT/EP 97/00211
; PRIOR FILING DATE: 1997-01-17
; PRIOR APPLICATION NUMBER: EP 96870005.4
; PRIOR FILING DATE: 1996-01-26
; PRIOR APPLICATION NUMBER: EP 96870081.5
; PRIOR FILING DATE: 1996-06-25
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 28
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-580-794C-28

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1262 ACAGCTGGAAGAG 1275

Db 1 AGAAGTGAAGAG 14

RESULT 358
US-09-081-646-62
; Sequence 62, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei


```
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152ma1 and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 62
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-62

Query Match      4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      1206 AGGCGAGCCATCTG 1219
Db      2 ATGGCAGCCATCCG 15

RESULT 359
US-09-081-646-103
; Sequence 103, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152ma1 and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 103
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-103

Query Match      4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      1233 CATGCTGCGCAGT 1246
Db      1 CATGCTGCTGCTGT 14

RESULT 360
US-09-081-646-104
; Sequence 104, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152ma1 and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21

; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 218
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-218

; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 104
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-104

; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 104
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-104

Query Match      4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      1273 AGCCTGAGCGCAGA 1286
Db      2 ATGCTGATGCGACA 15

RESULT 361
US-09-081-646-150/c
; Sequence 150, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152ma1 and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 150
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-150

Query Match      4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      1416 GCTGAGCGGCGCAT 1429
Db      15 GCTGAGCGTGGCCAT 2

RESULT 362
US-09-081-646-218/c
; Sequence 218, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152ma1 and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 218
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-218
```

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1291 CTCAGGGTGCCATG 1304
DB 14 CCCAGGGTTCATG 1

RESULT 363
US-09-081-646-231/c
; Sequence 231, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; EARLIER FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 231
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-231

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1223 GACCTCCAGCATG 1236
DB 14 GCACTCCAGCATG 1

RESULT 364
US-09-081-646-441/c
; Sequence 441, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; EARLIER FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 441
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-441

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1296 GGTGCATGTGCAT 1309
DB 15 GGTGCATGTGCAT 2

DB 15 GGTGCATGTGCAT 2

RESULT 365
US-09-081-646-565/c
; Sequence 565, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; EARLIER FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 565
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-565

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1291 CTCAGGGTGCCATG 1304
DB 14 CACAGGGTTCATG 1

RESULT 366
US-09-081-646-574/c
; Sequence 574, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; EARLIER FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 574
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-574

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1203 CAGAGGCGAGCAT 1216
DB 15 CAGGCGGAGCAT 2

RESULT 367
US-09-081-646-833
; Sequence 833, Application US/09081646
; Patent No. 6333152

```
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152ma1 and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO: 833
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-833

Query Match          4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1206 AGGCGAGCCATCTG 1219
Db      2 ATGGCAGCCATCCG 15

RESULT 368
US-09-081-646-855/c
; Sequence 855, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152ma1 and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO: 855
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-855

Query Match          4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1291 CTCAGGTCATG 1304
Db      14 CCCGAGGTCATG 1

RESULT 369
US-09-748-044-1/c
; Sequence 1, Application US/09748044
; Patent No. 6458578
; GENERAL INFORMATION:
; APPLICANT: Brough, Douglas E.
; APPLICANT: Kovsedl, Imre
; TITLE OF INVENTION: Recombinant Cell Line
; FILE REFERENCE: 207952
; CURRENT APPLICATION NUMBER: US/09/748,044
; CURRENT FILING DATE: 2000-12-22
```

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; PRIOR APPLICATION NUMBER: PCT/US99/14333
; PRIOR FILING DATE: 1999-06-24
; PRIOR APPLICATION NUMBER: US 09/105,515
; PRIOR FILING DATE: 1998-06-26
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO: 1
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Adenovirus type 5
US-09-748-044-1

Query Match          4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1268 GGAAGAGCTGAGG 1281
Db      15 GGAAGAGTGAGG 2

RESULT 370
US-09-640-953-29/c
; Sequence 29, Application US/09640953
; Patent No. 6492346
; GENERAL INFORMATION:
; APPLICANT: Meyer, Rich
; TITLE OF INVENTION: IMPROVED HYBRIDIZATION AND
; MISMATCH DISCRIMINATION USING OLIGONUCLEOTIDES
; CONFIGURED TO MINOR GROOVE BINDERS
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: PALO ALTO
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/640,953
; FILING DATE: 16-AUG-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/054,832
; FILING DATE: 03-APR-1998
; APPLICATION NUMBER: 08/415,370
; FILING DATE: 03-APR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Brennan, Sean M
; REGISTRATION NUMBER: 39,917
; REFERENCE/DOCKET NUMBER: 34469-20004.20
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-09-640-953-29

Query Match          4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1316 GCAGTAGGGGACC 1329
```

Db 15 GCAGCTCGGAACC 2

RESULT 371

US-09-913-514-21
; Sequence 21, Application US/09913514
; Patent No. 6653069
; GENERAL INFORMATION:
; APPLICANT: GOMI, Yasuyuki
; APPLICANT: SUNAMACHI, Hiroki
; APPLICANT: TAKAMASHI, Michiaki
; APPLICANT: YAMANISHI, Koichi
; TITLE OF INVENTION: Method for Quality Control of an Attenuated Varicella live Vaccine
; FILE REFERENCE: 0216-0454P
; CURRENT APPLICATION NUMBER: US/09/913,514
; PRIOR FILING DATE: 2001-12-07
; PRIOR APPLICATION NUMBER: PCT/JP01/00678
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: JP 2000-62734
; PRIOR FILING DATE: 2000-01-31
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 21
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Varicella virus
US-09-913-514-21

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;

Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1268 GGAAGAGGCTGAGG 1281
Db 1 GCGAGGCGCGAGG 14

RESULT 372

US-09-943-983C-27
; Sequence 27, Application US/09943983C
; Patent No. 6713251
; GENERAL INFORMATION:
; APPLICANT: Stuyver, Lieven
; APPLICANT: Louwaeghe, Joost
; APPLICANT: Rosseau, Rudi
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
; FILE REFERENCE: 11362.0008.DUUS02 (INNS008--3)
; CURRENT APPLICATION NUMBER: US/09/943,983C
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: US 09/580,794
; PRIOR FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093
; PRIOR FILING DATE: 1997-09-15
; PRIOR APPLICATION NUMBER: PCT/EP 97/00211
; PRIOR FILING DATE: 1997-01-17
; PRIOR APPLICATION NUMBER: EP 96870005.4
; PRIOR FILING DATE: 1996-01-26
; PRIOR APPLICATION NUMBER: EP 96870081.5
; PRIOR FILING DATE: 1996-06-25
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 27
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-943-983C-27

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;

Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1262 ACAGCTGGAAGG 1275
Db 2 AGAAGTGAAGAGG 15

RESULT 373

US-09-943-983C-28
; Sequence 28, Application US/09943983C
; Patent No. 6713251
; GENERAL INFORMATION:
; APPLICANT: Stuyver, Lieven
; APPLICANT: Louwaeghe, Joost
; APPLICANT: Rosseau, Rudi
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
; FILE REFERENCE: 11362.0008.DUUS02 (INNS008--3)
; CURRENT APPLICATION NUMBER: US/09/943,983C
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: US 09/580,794
; PRIOR FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093
; PRIOR FILING DATE: 1997-09-15
; PRIOR APPLICATION NUMBER: PCT/EP 97/00211
; PRIOR FILING DATE: 1997-01-17
; PRIOR APPLICATION NUMBER: EP 96870005.4
; PRIOR FILING DATE: 1996-01-26
; PRIOR APPLICATION NUMBER: EP 96870081.5
; PRIOR FILING DATE: 1996-06-25
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 28
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-943-983C-28

Query Match 4.3%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.8e+02;

Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1262 ACAGCTGGAAGG 1275
Db 1 AGAAGTGAAGAGG 14

RESULT 374

US-09-866-108A-8650/C
; Sequence 8650, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30

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; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8650
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8650
```

```
Query Match          4.3%; Score 10.8; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 2.4e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Oy      1373 CCAGACGACGCTGC 1386
Db      14  CCAGCTGCAGCTGC 1
```

```
RESULT 375
US-09-866-108A-7795/C
; Sequence 7795, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866.108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7795
; LENGTH: 17
```

```
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7795
```

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Query Match          4.2%; Score 10.6; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 2.7e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Oy      1253 GCTGACGACGCTGC 1269
Db      17  GCTGCTGCTGAAGCTGG 1
```

```
RESULT 376
US-09-866-108A-10730/C
; Sequence 10730, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866.108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10730
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10730

Query Match          4.2%; Score 10.6; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 2.7e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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```
Oy      1182 CTGGGCTCCGAGGCC 1198
Db      17  CTGGAGCCCGACATCC 1
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RESULT 377
US-08-494-301A-17
; Sequence 17, Application US/08494301A
; Patent No. 5856461
; GENERAL INFORMATION:
```

APPLICANT: Colote, Soudair
APPLICANT: Pirozky, Eduardo
TITLE OF INVENTION: Oligonucleotides to Inhibit the
TITLE OF INVENTION: Expression of Isoprenyl Protein Transferases
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Lucas & Just
STREET: 205 E. 42nd Street
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10017
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch,
MEDIUM TYPE: 1.44 MB storage
COMPUTER: IBM 486 Compatible
OPERATING SYSTEM: MS-DOS 5.0
SOFTWARE: WordPerfect 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/494,301A
FILING DATE: 23-JUNE-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9413035.8
FILING DATE: 29-JUNE-1994
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
TYPE: nucleotide
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: Yes
US-08-494-301A-17

Query Match 4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1212 GCCATCTGTCTGAG 1223
Db 1 GGCACTCTCTGAG 12

RESULT 378
US-08-723-052-1
Sequence 1, Application US/08723052
Patent No. 5922757
GENERAL INFORMATION:
APPLICANT: Choikier, Mario
APPLICANT: Carson, Dennis
TITLE OF INVENTION: TREATMENT AND PREVENTION OF HEPATIC DISORDERS
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESSES:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/723,052
FILING DATE:
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Smith, Christopher J.
REGISTRATION NUMBER: 40,179
REFERENCE/DOCKET NUMBER: UCSD-02424
TELECOMMUNICATION INFORMATION:

TELEPHONE: 415/705-8410
TELEFAX: 415/397-8338
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-723-052-1

Query Match 4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1344 GGAGACTTTCCC 1355
Db 1 GGAGACTTTCCC 12

RESULT 379
US-09-106-182-21
Sequence 21, Application US/09106182
Patent No. 6046035
GENERAL INFORMATION:

APPLICANT: Shi, Yanggu
APPLICANT: Ruben, Steve
TITLE OF INVENTION: Cardiotrophin-Like Cytokine
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Human Genome Sciences, Inc
STREET: 9410 Key West Ave
CITY: Rockville
STATE: MD
COUNTRY: US
ZIP: 20850

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/106,182
FILING DATE: Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/051,053
FILING DATE: 30-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Brookes, A. Anders
REGISTRATION NUMBER: 36,373
REFERENCE/DOCKET NUMBER: PF385
TELECOMMUNICATION INFORMATION:
TELEPHONE: 301-309-8504
TELEFAX: 301-309-8439
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-106-182-21

Query Match 4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1344 GGAGACTTTCCC 1355
Db 1 GGAGACTTTCCC 12

RESULT 380
US-09-274-625-1
Sequence 1, Application US/09274625
Patent No. 6075027
GENERAL INFORMATION:
APPLICANT: Chojkier, Mario
TITLE OF INVENTION: TREATMENT AND PREVENTION OF
TITLE OF INVENTION: HEPATIC DISORDERS
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/274,625
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 09/274,624
FILING DATE: 23-MAR-1999
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin
REGISTRATION NUMBER: 38, 230
REFERENCE/DOCKET NUMBER: USCD-03683
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/705-8410
TELEFAX: 415/397-8338
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-274-625-1

Query Match 4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1344 GGAGACTTCCC 1355
DB 1 GGGAGCTTCCC 12

RESULT 381
US-09-095-485-2
Sequence 2, Application US/09095485
Patent No. 6127176
GENERAL INFORMATION:
APPLICANT: Stark, George R.
APPLICANT: Li, Xiaoxia
TITLE OF INVENTION: Mutant Cell Lines Unresponsive to
TITLE OF INVENTION: Interleukin 1
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Calfee, Halter & Griswold LLP
STREET: 1400 McDonald Investment Center, 800 Superior
STREET: Avenue
CITY: Cleveland
STATE: Ohio
COUNTRY: United States
ZIP: 44114
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/095,485
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Docherty, Pamela A.
REGISTRATION NUMBER: 40,591
REFERENCE/DOCKET NUMBER: 21114/04028
TELECOMMUNICATION INFORMATION:
TELEPHONE: (216) 622 8416
TELEFAX: (216) 241 0816
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-095-485-2

Query Match 4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1344 GGAGACTTCCC 1355
DB 1 GGGAGCTTCCC 12

RESULT 382
US-09-274-624-1
Sequence 1, Application US/09274624
Patent No. 6147123
GENERAL INFORMATION:
APPLICANT: Chojkier, Mario
TITLE OF INVENTION: TREATMENT AND PREVENTION OF
TITLE OF INVENTION: HEPATIC DISORDERS
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/274,624
FILING DATE: 23-MAR-1999
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin
REGISTRATION NUMBER: 38, 230
REFERENCE/DOCKET NUMBER: USCD-03683
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/705-8410
TELEFAX: 415/397-8338
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)

```
US-09-274-624-1
Query Match          4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1344 GGAGACTTTCCC 1355
      |||||||
Db      1 GGGGACTTTCCC 12

RESULT 383
US-09-400-322-1
; Sequence 1, Application US/09400322
; Patent No. 6218437
; GENERAL INFORMATION:
; APPLICANT: Chojkier, Mario
; TITLE OF INVENTION: TREATMENT AND PREVENTION OF HEPATIC DISORDERS
; FILE REFERENCE: US09-03831
; CURRENT APPLICATION NUMBER: US/09/400,322
; CURRENT FILING DATE: 1999-09-21
; EARLIER APPLICATION NUMBER: 08/723,052
; EARLIER FILING DATE: 1996-09-30
; EARLIER APPLICATION NUMBER: 09/274,624
; EARLIER FILING DATE: 1999-03-23
; EARLIER APPLICATION NUMBER: 09/274,625
; EARLIER FILING DATE: 1999-03-23
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-400-322-1
Query Match          4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1344 GGAGACTTTCCC 1355
      |||||||
Db      1 GGGGACTTTCCC 12

RESULT 384
US-09-227-357-8
; Sequence 8, Application US/09227357
; Patent No. 6342581
; GENERAL INFORMATION:
; APPLICANT: Plescher et al.
; TITLE OF INVENTION: 123 Human Secreted Proteins
; FILE REFERENCE: P2010P1
; CURRENT APPLICATION NUMBER: US/09/227,357
; CURRENT FILING DATE: 1999-01-08
; EARLIER APPLICATION NUMBER: PCT/US98/13684
; EARLIER FILING DATE: 1998-07-07
; EARLIER APPLICATION NUMBER: 60/051,926
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/052,793
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/051,925
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/051,929
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/052,803
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/052,732
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/051,931
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/051,932

; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/051,916
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/051,930
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/051,918
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/051,920
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/052,733
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/052,795
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/051,919
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/051,928
; EARLIER FILING DATE: 1997-07-08
; EARLIER APPLICATION NUMBER: 60/055,722
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/055,723
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/055,948
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/055,949
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/055,953
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/055,950
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/055,947
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/055,964
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/056,360
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/055,684
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/055,984
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/055,954
; EARLIER FILING DATE: 1997-08-18
; EARLIER APPLICATION NUMBER: 60/058,785
; EARLIER FILING DATE: 1997-09-12
; EARLIER APPLICATION NUMBER: 60/058,664
; EARLIER FILING DATE: 1997-09-12
; EARLIER APPLICATION NUMBER: 60/058,660
; EARLIER FILING DATE: 1997-09-12
; EARLIER APPLICATION NUMBER: 60/058,661
; EARLIER FILING DATE: 1997-09-12
; NUMBER OF SEQ ID NOS: 672
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-227-357-8
Query Match          4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1344 GGAGACTTTCCC 1355
      |||||||
Db      1 GGGGACTTTCCC 12

RESULT 385
US-09-724-594-1
; Sequence 1, Application US/09724594
; Patent No. 6348493
; GENERAL INFORMATION:
; APPLICANT: Chojkier, Mario
; TITLE OF INVENTION: TREATMENT AND PREVENTION OF HEPATIC DISORDERS
```


FILE REFERENCE: UCSD-03831
CURRENT APPLICATION NUMBER: US/09/724,594
CURRENT FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/400,322
PRIOR FILING DATE: EARLIER FILING DATE: 1999-09-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/274,624
PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/274,625
PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-23
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-724-594-1

Query Match 4.1% Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1344 GGAGACTTCCC 1355
Db 1 GGAGACTTCCC 12

RESULT 386
US-09-280-839-11
Sequence 11, Application US/09280839
Patent No. 6365369
GENERAL INFORMATION:
APPLICANT: Endress, Gregory A.
TITLE OF INVENTION: Prostate Specific Secreted Protein
FILE REFERENCE: PF457
CURRENT APPLICATION NUMBER: US/09/280,839
CURRENT FILING DATE: 1999-03-30
EARLIER APPLICATION NUMBER: 60/080,311
EARLIER FILING DATE: 1998-04-01
EARLIER APPLICATION NUMBER: 60/080,898
EARLIER FILING DATE: 1998-04-07
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 11
LENGTH: 12
TYPE: DNA
ORGANISM: Homo sapiens
US-09-280-839-11

Query Match 4.1% Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1344 GGAGACTTCCC 1355
Db 1 GGAGACTTCCC 12

RESULT 387
US-09-724-695-1
Sequence 1, Application US/09724695
Patent No. 6369097
GENERAL INFORMATION:
APPLICANT: Chojkier, Mario
TITLE OF INVENTION: TREATMENT AND PREVENTION OF HEPATIC DISORDERS
FILE REFERENCE: UCSD-03831
CURRENT APPLICATION NUMBER: US/09/724,695
CURRENT FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: 09/400,322
PRIOR FILING DATE: 1999-09-21
PRIOR APPLICATION NUMBER: 09/274,624

PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 09/274,625
PRIOR FILING DATE: 1999-03-23
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-724-695-1

Query Match 4.1% Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1344 GGAGACTTCCC 1355
Db 1 GGAGACTTCCC 12

RESULT 388
US-09-479-729B-28
Sequence 28, Application US/09479729B
Patent No. 6391589
GENERAL INFORMATION:
APPLICANT: Olsen, et al
TITLE OF INVENTION: Human Chemokine Beta-10 Mutant Polypeptides
FILE REFERENCE: PF504
CURRENT APPLICATION NUMBER: US/09/479,729B
CURRENT FILING DATE: 2000-01-07
PRIOR APPLICATION NUMBER: PCT/US94/09484
PRIOR FILING DATE: 1994-08-23
PRIOR APPLICATION NUMBER: 08/458,355
PRIOR FILING DATE: 1995-06-02
PRIOR APPLICATION NUMBER: 08/462,967
PRIOR FILING DATE: 1995-06-05
PRIOR APPLICATION NUMBER: 60/115,439
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 30
SOFTWARE: PatentIn version 3.0
SEQ ID NO 28
LENGTH: 12
TYPE: DNA
ORGANISM: oligonucleotide
FEATURE:
NAME/KEY: primer bind
LOCATION: (1)..(12)
OTHER INFORMATION: NF-KB binding site.
US-09-479-729B-28

Query Match 4.1% Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1344 GGAGACTTCCC 1355
Db 1 GGAGACTTCCC 12

RESULT 389
US-09-257-179-8
Sequence 8, Application US/09257179
Patent No. 6410709
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: 29 Human Secreted Proteins
FILE REFERENCE: PZ015P1
CURRENT APPLICATION NUMBER: US/09/257,179
CURRENT FILING DATE: 1999-02-25
EARLIER APPLICATION NUMBER: PCT/US98/17709
EARLIER FILING DATE: 1998-08-27

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; EARLIER APPLICATION NUMBER: 60/056,270
; EARLIER FILING DATE: 1997-08-29
; EARLIER APPLICATION NUMBER: 60/056,271
; EARLIER FILING DATE: 1997-08-29
; EARLIER APPLICATION NUMBER: 60/056,247
; EARLIER FILING DATE: 1997-08-29
; EARLIER APPLICATION NUMBER: 60/056,073
; EARLIER FILING DATE: 1997-08-29
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-257-179-8

Query Match      4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred.No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1344 GGAGACTTCCC 1355
Db      1 GGAGACTTCCC 12

RESULT 390
US-09-724-600-1
; Sequence 1, Application US/09724600
; Patent No. 6420428
; GENERAL INFORMATION:
; APPLICANT: Chokier, Mario
; TITLE OF INVENTION: TREATMENT AND PREVENTION OF HEPATIC DISORDERS
; FILE REFERENCE: USD-03831
; CURRENT APPLICATION NUMBER: US/09/724,600
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: 09/400,322
; PRIOR FILING DATE: 1999-09-21
; PRIOR APPLICATION NUMBER: 08/723,052
; PRIOR FILING DATE: 1996-09-30
; PRIOR APPLICATION NUMBER: 09/274,624
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/274,625
; PRIOR FILING DATE: 1999-03-23
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-724-600-1

Query Match      4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred.No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1344 GGAGACTTCCC 1355
Db      1 GGAGACTTCCC 12

RESULT 391
US-09-149-476-8
; Sequence 8, Application US/09149476
; Patent No. 6420526
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 186 Human Secreted proteins
; FILE REFERENCE: PZ002P1
; CURRENT APPLICATION NUMBER: US/09/149,476
; CURRENT FILING DATE: 1998-09-08
; EARLIER APPLICATION NUMBER: PCT/US98/04493

; EARLIER FILING DATE: 1998-03-06
; EARLIER APPLICATION NUMBER: 60/040,162
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,333
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/038,621
; EARLIER FILING DATE: 1997-03-07
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; EARLIER FILING DATE: 1997-03-07
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; EARLIER FILING DATE: 1997-05-23
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; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,597
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,502
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,633
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,583
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,617
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,618
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,503
; EARLIER FILING DATE: 1997-05-23
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; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,581
; EARLIER FILING DATE: 1997-05-23
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; EARLIER APPLICATION NUMBER: 60/047,500
; EARLIER FILING DATE: 1997-05-23
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; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,492
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,598
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,613
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,582
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,596
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,612
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,632
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,601
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/043,580
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,568
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,314
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,569
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,311
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,671
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,674
; EARLIER FILING DATE: 1997-04-11
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EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/043,312
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EARLIER FILING DATE: 1997-04-11
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EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/048,974
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/056,886
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,877
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,889
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,893
EARLIER FILING DATE: 1997-08-22
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EARLIER APPLICATION NUMBER: 60/056,878
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,882
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,637
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,903
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,888
EARLIER FILING DATE: 1997-08-22
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EARLIER FILING DATE: 1997-08-22
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EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,636
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,874
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,910
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EARLIER APPLICATION NUMBER: 60/056,864
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,631
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,845
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,892
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/057,761
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/047,595
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,599
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,588
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,585
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,586
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,590
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,594

EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,589
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,593
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,614
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/043,578
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/043,576
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/047,501
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/043,670
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/056,632
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,664
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,876
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,881
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,909
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,875
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,862
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,887
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,908
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/048,964
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/057,650
EARLIER FILING DATE: 1997-09-05
EARLIER APPLICATION NUMBER: 60/056,884
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/057,669
EARLIER FILING DATE: 1997-09-05
EARLIER APPLICATION NUMBER: 60/049,610
EARLIER FILING DATE: 1997-06-13
EARLIER APPLICATION NUMBER: 60/061,060
EARLIER FILING DATE: 1997-10-02

Query Match 4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1344 GGAGACTTCCC 1355
DB 1 GGGGACTTCCC 12

RESULT 392
US-09-288-143-8
Sequence 8, Application US/09288143
Patent No. 6433139
GENERAL INFORMATION:
APPLICANT: Brewer et al.
TITLE OF INVENTION: 53 Human Secreted Proteins
FILE REFERENCE: P2018P1
CURRENT APPLICATION NUMBER: US/09/288,143
CURRENT FILING DATE: 1999-04-08
EARLIER APPLICATION NUMBER: PCT/US98/21142
EARLIER FILING DATE: 1998-10-08
EARLIER APPLICATION NUMBER: 60/061,463
EARLIER FILING DATE: 1997-10-09
EARLIER APPLICATION NUMBER: 60/061,529
EARLIER FILING DATE: 1997-10-09
EARLIER APPLICATION NUMBER: 60/071,498
EARLIER FILING DATE: 1997-10-09

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; EARLIER APPLICATION NUMBER: 60/061,527
; EARLIER FILING DATE: 1997-10-09
; EARLIER APPLICATION NUMBER: 60/061,536
; EARLIER FILING DATE: 1997-10-09
; EARLIER APPLICATION NUMBER: 60/061,532
; EARLIER FILING DATE: 1997-10-09
; NUMBER OF SEQ ID NOS: 219
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-288-143-8

Query Match          4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1344 GGAGACTTTCCC 1355
Db      1 GGGGACTTTCCC 12

RESULT 393
US-09-487-792-30
; Sequence 30, Application US/09487792
; Patent No. 6433145
; GENERAL INFORMATION:
; APPLICANT: Human Genome Sciences, Inc.
; TITLE OF INVENTION: Keratinocyte Derived Interferon
; FILE REFERENCE: PF482P1
; CURRENT APPLICATION NUMBER: US/09/487,792
; CURRENT FILING DATE: 2000-01-20
; EARLIER APPLICATION NUMBER: 60/093,643
; EARLIER FILING DATE: 1998-07-21
; EARLIER APPLICATION NUMBER: PCT/US99/16424
; EARLIER FILING DATE: 1999-07-21
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-487-792-30

Query Match          4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1344 GGAGACTTTCCC 1355
Db      1 GGGGACTTTCCC 12

RESULT 394
US-09-152-060-8
; Sequence 8, Application US/09152060
; Patent No. 6448230
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 28 Human Secreted Proteins
; FILE REFERENCE: P2003P1.US
; CURRENT APPLICATION NUMBER: US/09/152,060
; CURRENT FILING DATE: 1998-09-11
; EARLIER APPLICATION NUMBER: PCT/US98/04858
; EARLIER FILING DATE: 1998-03-12
; EARLIER APPLICATION NUMBER: 60/040,762
; EARLIER FILING DATE: 1997-03-14
; EARLIER APPLICATION NUMBER: 60/040,710
; EARLIER FILING DATE: 1997-03-14
; EARLIER APPLICATION NUMBER: 60/050,934
; EARLIER FILING DATE: 1997-05-30
; EARLIER APPLICATION NUMBER: 60/048,100
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; EARLIER FILING DATE: 1997-05-30
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; EARLIER FILING DATE: 1997-05-30
; EARLIER APPLICATION NUMBER: 60/048,189
; EARLIER FILING DATE: 1997-05-30
; EARLIER APPLICATION NUMBER: 60/057,765
; EARLIER FILING DATE: 1997-09-05
; EARLIER APPLICATION NUMBER: 60/048,970
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/068,368
; EARLIER FILING DATE: 1997-12-19
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-152-060-8

Query Match          4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1344 GGAGACTTTCCC 1355
Db      1 GGGGACTTTCCC 12

RESULT 395
US-09-908-594-30
; Sequence 30, Application US/09908594
; Patent No. 6472512
; GENERAL INFORMATION:
; APPLICANT: Lafleur, et al.
; TITLE OF INVENTION: Keratinocyte Derived Interferon
; FILE REFERENCE: PF482P2
; CURRENT APPLICATION NUMBER: US/09/908,594
; CURRENT FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: 60/292,934
; PRIOR FILING DATE: 2001-05-24
; PRIOR APPLICATION NUMBER: 60/219,621
; PRIOR FILING DATE: 2000-07-21
; PRIOR APPLICATION NUMBER: 09/487,792
; PRIOR FILING DATE: 2000-01-20
; PRIOR APPLICATION NUMBER: US00/01239
; PRIOR FILING DATE: 2000-01-20
; PRIOR APPLICATION NUMBER: 09/358,587
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: US99/16424
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 60/093,643
; PRIOR FILING DATE: 1998-07-21
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-908-594-30

Query Match          4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1344 GGAGACTTTCCC 1355
Db      1 GGGGACTTTCCC 12

RESULT 396
US-09-461-325-8
; Sequence 8, Application US/09461325A
; Patent No. 6475753
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GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: 94 Human Secreted Proteins
FILE REFERENCE: P2029P1
CURRENT FILING DATE: US/09/461,325A
CURRENT FILING DATE: 1999-12-14
EARLIER APPLICATION NUMBER: PCT/US99/13418
EARLIER FILING DATE: 1999-06-15
EARLIER APPLICATION NUMBER: 60/089,507
EARLIER FILING DATE: 1998-06-16
EARLIER APPLICATION NUMBER: 60/089,508
EARLIER FILING DATE: 1998-06-16
EARLIER APPLICATION NUMBER: 60/089,509
EARLIER FILING DATE: 1998-06-16
EARLIER APPLICATION NUMBER: 60/089,510
EARLIER FILING DATE: 1998-06-16
EARLIER APPLICATION NUMBER: 60/090,112
EARLIER FILING DATE: 1998-06-22
EARLIER APPLICATION NUMBER: 60/090,113
EARLIER FILING DATE: 1998-06-22
NUMBER OF SEQ ID NOS: 532
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 8
LENGTH: 12
TYPE: DNA
ORGANISM: Homo sapiens
US-09-461-325-8

Query Match 4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1344 GGAGACTTTCCC 1355
Db 1 GGGGACTTTCCC 12

RESULT 397
US-09-489-847-8
Sequence 8, Application US/09489847
Patent No. 6476195
GENERAL INFORMATION:
APPLICANT: Rosen et al
TITLE OF INVENTION: 98 Human Secreted Proteins
FILE REFERENCE: P2031P1
CURRENT FILING DATE: US/09/489,847
CURRENT FILING DATE: 2000-01-24
EARLIER APPLICATION NUMBER: PCT/US99/17130
EARLIER FILING DATE: 1999-07-29
EARLIER APPLICATION NUMBER: 60/094,657
EARLIER FILING DATE: 1998-07-30
EARLIER APPLICATION NUMBER: 60/095,486
EARLIER FILING DATE: 1998-08-05
EARLIER APPLICATION NUMBER: 60/096,319
EARLIER FILING DATE: 1998-08-12
EARLIER APPLICATION NUMBER: 60/095,454
EARLIER FILING DATE: 1998-08-06
EARLIER APPLICATION NUMBER: 60/095,455
EARLIER FILING DATE: 1998-08-06
NUMBER OF SEQ ID NOS: 376
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 8
LENGTH: 12
TYPE: DNA
ORGANISM: Homo sapiens
US-09-489-847-8

Query Match 4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1344 GGAGACTTTCCC 1355
Db 1 GGGGACTTTCCC 12

Db 1 GGAGACTTTCCC 12
RESULT 398
US-09-231-788-23
Sequence 23, Application US/09231788A
Patent No. 6486301
GENERAL INFORMATION:
APPLICANT: Ebner, Reinhard
TITLE OF INVENTION: Interleukin-20
FILE REFERENCE: PF399P1
CURRENT FILING DATE: US/09/231,788A
CURRENT FILING DATE: 1999-01-15
EARLIER APPLICATION NUMBER: 60/052,870
EARLIER FILING DATE: 1997-07-16
EARLIER APPLICATION NUMBER: 60/055,952
EARLIER FILING DATE: 1997-08-18
EARLIER APPLICATION NUMBER: 60/060,140
EARLIER FILING DATE: 1997-09-26
EARLIER APPLICATION NUMBER: 09/115,832
EARLIER FILING DATE: 1998-07-15
NUMBER OF SEQ ID NOS: 29
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 23
LENGTH: 12
TYPE: DNA
ORGANISM: Homo sapiens
US-09-231-788-23

Query Match 4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1344 GGAGACTTTCCC 1355
Db 1 GGGGACTTTCCC 12

RESULT 399
US-09-512-363-24
Sequence 24, Application US/09512363
Patent No. 6503184
GENERAL INFORMATION:
APPLICANT: Ruben, Steven M.
TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor-Like Proteins
FILE REFERENCE: PF396
CURRENT FILING DATE: US/09/512,363
CURRENT FILING DATE: 2000-02-23
EARLIER APPLICATION NUMBER: 60/063,212
EARLIER FILING DATE: 1997-10-21
EARLIER APPLICATION NUMBER: 09/176,200
EARLIER FILING DATE: 1998-10-21
EARLIER APPLICATION NUMBER: 60/121,648
EARLIER FILING DATE: 1999-02-24
EARLIER APPLICATION NUMBER: 60/134,172
EARLIER FILING DATE: 1999-05-13
EARLIER APPLICATION NUMBER: 60/144,076
EARLIER FILING DATE: 1999-07-16
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 24
LENGTH: 12
TYPE: DNA
ORGANISM: Homo sapiens
US-09-512-363-24

Query Match 4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1344 GGAGACTTTCCC 1355
Db 1 GGGGACTTTCCC 12

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Db          1 GGGGACTTTCCC 12

RESULT 400
US-09-176-200-24
; Sequence 24, Application US/09176200
; Patent No. 6509173
; GENERAL INFORMATION:
; APPLICANT: NI, Jlian
; APPLICANT: Ruben, Steven M.
; TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor-like Proteins
; FILE REFERENCE: PFI396
; CURRENT APPLICATION NUMBER: US/09/176,200
; CURRENT FILING DATE: 1998-10-21
; EARLIER APPLICATION NUMBER: 60/063,212
; EARLIER FILING DATE: 1997-10-21
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 24
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-176-200-24

Query Match      4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY          1344 GGGGACTTTCCC 1355
Db          1 GGGGACTTTCCC 12

RESULT 401
US-09-205-258-8
; Sequence 8, Application US/09205258
; Patent No. 6525174
; GENERAL INFORMATION:
; APPLICANT: Young et al.
; TITLE OF INVENTION: 207 Human Secreted Proteins
; FILE REFERENCE: PZ007P1
; CURRENT APPLICATION NUMBER: US/09/205,258
; CURRENT FILING DATE: 1998-12-04
; EARLIER APPLICATION NUMBER: PCT/US98/11422
; EARLIER FILING DATE: 1998-06-04
; EARLIER APPLICATION NUMBER: 60/048,885
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/049,375
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,881
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,880
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,896
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/049,020
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,876
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,895
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,884
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,894
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; EARLIER APPLICATION NUMBER: 60/048,882
; EARLIER FILING DATE: 1997-06-06

; EARLIER APPLICATION NUMBER: 60/048,899
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; EARLIER FILING DATE: 1997-06-06
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; EARLIER FILING DATE: 1997-06-06
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; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,970
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; EARLIER FILING DATE: 1997-06-06
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; EARLIER FILING DATE: 1997-06-06
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; EARLIER FILING DATE: 1997-06-06
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; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/070,923
; EARLIER FILING DATE: 1997-12-18
; EARLIER APPLICATION NUMBER: 60/092,921
; EARLIER FILING DATE: 1998-07-15
; EARLIER APPLICATION NUMBER: 60/094,657
; EARLIER FILING DATE: 1998-07-30
; NUMBER OF SEQ ID NOS: 1227
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-205-258-8

Query Match      4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY          1344 GGGGACTTTCCC 1355
Db          1 GGGGACTTTCCC 12

RESULT 402
US-08-301-037-4
; Sequence 4, Application US/08301037
; Patent No. 6528313
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GENERAL INFORMATION:
APPLICANT: Le Mouellic, Herve
Brieler, Philippe
TITLE OF INVENTION: Procedure for Specific Replacement of a Copy of a
Gene Present in the Recipient Genome by the Integration of
That Where the Integration is Made
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
Dunner
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/301,037
FILING DATE: 06-SEP-1994
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/301,037
FILING DATE: 06-SEP-1994
APPLICATION NUMBER: US 07/867,744
FILING DATE: 13-APR-1992
APPLICATION NUMBER: US 07/598,679
FILING DATE: 19-DEC-1990
APPLICATION NUMBER: WO PCT/FR90/00185
FILING DATE: 19-MAR-1990
APPLICATION NUMBER: FR 8903630
FILING DATE: 20-MAR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Potier, Jane E.
REGISTRATION NUMBER: 33,332
REFERENCE/DOCKET NUMBER: 02356-0053-06000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
TELEFAX: 202-408-4400
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-08-301-037-4

Query Match 4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. NO. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1229 CCAGCATGTGCT 1240
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Db 1 CCAGCATGTGCT 12

RESULT 403
US-08-466-539-4
Sequence 4, Application US/08466539
Patent No. 6528314
GENERAL INFORMATION:
APPLICANT: Le Mouellic, Herve
Brieler, Philippe
TITLE OF INVENTION: Procedure for Specific Replacement
of a Copy of a Gene Present in the Recipient Genome by the
Integration of a Gene Different From That Where the Integratio
n is Made
NUMBER OF SEQUENCES: 17

CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
Dunner
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/466,539
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/301,037
FILING DATE: 06-SEP-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/867,744
FILING DATE: 13-APR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/598,679
FILING DATE: 19-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/FR90/00185
FILING DATE: 19-MAR-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 8903630
FILING DATE: 20-MAR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Potier, Jane E.
REGISTRATION NUMBER: 33,332
REFERENCE/DOCKET NUMBER: 02356-0053-05000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
TELEFAX: 202-408-4400
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-466-539-4

Query Match 4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. NO. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1229 CCAGCATGTGCT 1240
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Db 1 CCAGCATGTGCT 12

RESULT 404
US-09-690-454-8
Sequence 8, Application US/09690454
Patent No. 6531447
GENERAL INFORMATION:
APPLICANT: Steven M. Ruben, et al.
TITLE OF INVENTION: 32 Human Secreted Proteins
FILE REFERENCE: P2006p1
CURRENT APPLICATION NUMBER: US/09/690,454
PRIOR FILING DATE: 2000-10-18
PRIOR APPLICATION NUMBER: 09/189,144
PRIOR FILING DATE: 1998-11-10
PRIOR APPLICATION NUMBER: 60/044,039
PRIOR FILING DATE: May 30, 1997
PRIOR APPLICATION NUMBER: 60/048,093

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; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,190
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/050,935
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,101
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/048,356
; PRIOR FILING DATE: May 30, 1997
; PRIOR APPLICATION NUMBER: 60/056,250
; PRIOR FILING DATE: August 29, 1997
; PRIOR APPLICATION NUMBER: 60/056,296
; PRIOR FILING DATE: August 29, 1997
; PRIOR APPLICATION NUMBER: 60/056,293
; PRIOR FILING DATE: August 29, 1997
; NUMBER OF SEQ ID NOS: 229
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; SEQ ID NO 8
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-690-454-8
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Query Match          4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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DB 1 GGAGACTTCCC 12

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RESULT 405
US-09-482-271-16
; Sequence 16, Application US/09482271
; Patent No. 6534485
; GENERAL INFORMATION:
; APPLICANT: Duan, Roxanne
; APPLICANT: Ruben M., Steven
; TITLE OF INVENTION: Bone Marrow-Specific Protein
; FILE REFERENCE: P495
; CURRENT APPLICATION NUMBER: US/09/482,271
; CURRENT FILING DATE: 2000-01-13
; EARLIER APPLICATION NUMBER: 60/116,236
; EARLIER FILING DATE: 1999-01-15
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 16
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-482-271-16
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Query Match          4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 1344 GGAGACTTCCC 1355

DB 1 GGAGACTTCCC 12

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RESULT 406
US-09-482-273-8
; Sequence 8, Application US/09482273
; Patent No. 6534631
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 71 Human Secreted Proteins
; FILE REFERENCE: P2030P1
; CURRENT APPLICATION NUMBER: US/09/482,273
; CURRENT FILING DATE: 2000-01-13
; EARLIER APPLICATION NUMBER: PCT/US99/15849
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; EARLIER FILING DATE: 1999-07-14
; EARLIER APPLICATION NUMBER: 60/092,921
; EARLIER FILING DATE: 1998-07-15
; EARLIER APPLICATION NUMBER: 60/092,922
; EARLIER FILING DATE: 1998-07-15
; EARLIER APPLICATION NUMBER: 60/092,956
; EARLIER FILING DATE: 1998-07-15
; NUMBER OF SEQ ID NOS: 267
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 8
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-482-273-8
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Query Match          4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 1344 GGAGACTTCCC 1355

DB 1 GGAGACTTCCC 12

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RESULT 407
US-09-904-615-8
; Sequence 8, Application US/09904615
; Patent No. 6566325
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 49 Human Secreted Proteins
; FILE REFERENCE: P2032P1
; CURRENT APPLICATION NUMBER: US/09/904,615
; CURRENT FILING DATE: 2001-07-16
; PRIOR APPLICATION NUMBER: 09/511,554
; PRIOR FILING DATE: 2000-02-23
; PRIOR APPLICATION NUMBER: 60/097,917
; PRIOR FILING DATE: 1998-08-25
; PRIOR APPLICATION NUMBER: 60/098,634
; PRIOR FILING DATE: 1998-08-31
; NUMBER OF SEQ ID NOS: 170
; SOFTWARE: Patent In Ver. 2.0
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; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-904-615-8
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Query Match          4.1%; Score 10.4; DB 1; Length 12;
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Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 1344 GGAGACTTCCC 1355

DB 1 GGAGACTTCCC 12

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RESULT 408
US-09-369-247-8
; Sequence 8, Application US/09369247
; Patent No. 6569992
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 44 Human Secreted Proteins
; FILE REFERENCE: P2024P1
; CURRENT APPLICATION NUMBER: US/09/369,247
; CURRENT FILING DATE: 1999-08-05
; EARLIER APPLICATION NUMBER: 60/074,118
; EARLIER FILING DATE: 1998-02-09
; EARLIER APPLICATION NUMBER: 60/074,157
; EARLIER FILING DATE: 1998-02-09
; EARLIER APPLICATION NUMBER: 60/074,137
; EARLIER FILING DATE: 1998-02-09
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; EARLIER APPLICATION NUMBER: 60/074,341
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; EARLIER FILING DATE: 1998-02-09
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; SOFTWARE: Patentin Ver. 2.0
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; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-369-247-8

Query Match          4.1% Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1,3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1344 GGAGACTTCCC 1355
Db      1 GGGGACTTCCC 12

RESULT 409
US-09-148-545-8
; Sequence 8, Application US/09148545
; Patent No. 6590075
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 70 Human Secreted Proteins
; FILE REFERENCE: P2001P1
; CURRENT APPLICATION NUMBER: US/09/148,545
; EARLIER FILING DATE: 1998-09-04
; EARLIER APPLICATION NUMBER: PCT/US98/04482
; EARLIER FILING DATE: 1998-03-06
; EARLIER APPLICATION NUMBER: 60/040,162
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; EARLIER APPLICATION NUMBER: 60/038,621
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; EARLIER APPLICATION NUMBER: 60/047,612
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; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/056,886
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,877
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,889
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; EARLIER APPLICATION NUMBER: 60/056,882
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; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,903
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,888
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EARLIER APPLICATION NUMBER: 60/056,845
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/047,892
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/047,595
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/057,761
EARLIER FILING DATE: 05-SEP-1997
EARLIER APPLICATION NUMBER: 60/047,599
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,588
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EARLIER APPLICATION NUMBER: 60/047,585
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EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/043,670
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/056,632
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,664
EARLIER FILING DATE: 1997-08-22
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EARLIER APPLICATION NUMBER: 60/056,909
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EARLIER APPLICATION NUMBER: 60/056,875
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EARLIER APPLICATION NUMBER: 60/056,862
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,887
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,908
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/048,964
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/057,650
EARLIER FILING DATE: 1997-09-05
EARLIER APPLICATION NUMBER: 60/056,884
EARLIER FILING DATE: 1997-08-22

NUMBER OF SEQ ID NOS: 280
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 8
LENGTH: 12
Query Match
Best Local Similarity 4.1%; Score 10.4; DB 1; Length 12;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Db 1344 GGAGACTTCCC 1355
1 GGAGACTTCCC 12
RESULT 410
US-09-564-829-31
Sequence 31, Application US/09564829
Patent No. 6593112
GENERAL INFORMATION:
APPLICANT: Alderson, Ralph et al.
TITLE OF INVENTION: Fibroblast Growth Factor 15
FILE REFERENCE: PF203PI
CURRENT APPLICATION NUMBER: US/09/564,829
CURRENT FILING DATE: 2000-05-04
PRIOR APPLICATION NUMBER: 60/132,924
PRIOR FILING DATE: 1999-05-06
PRIOR APPLICATION NUMBER: 09/425,021
PRIOR FILING DATE: 1999-10-25
PRIOR APPLICATION NUMBER: 09/103,079
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 08/462,169
PRIOR FILING DATE: 1995-06-05
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 31
LENGTH: 12
TYPE: DNA
ORGANISM: Homo sapiens
US-09-564-829-31
Query Match
Best Local Similarity 4.1%; Score 10.4; DB 1; Length 12;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Db 1344 GGAGACTTCCC 1355
1 GGAGACTTCCC 12
RESULT 411
US-09-572-406B-26
Sequence 26, Application US/09572406B
Patent No. 6605441
GENERAL INFORMATION:
APPLICANT: Alderson, Ralph et al.
TITLE OF INVENTION: Fibroblast Growth Factor 11
FILE REFERENCE: PF184PI
CURRENT APPLICATION NUMBER: US/09/572,406B
CURRENT FILING DATE: 2000-05-16
PRIOR APPLICATION NUMBER: 60/135,524
PRIOR FILING DATE: 1999-05-21
PRIOR APPLICATION NUMBER: 09/514,587
PRIOR FILING DATE: 2000-02-28
PRIOR APPLICATION NUMBER: 09/093,585
PRIOR FILING DATE: 1998-06-08
PRIOR APPLICATION NUMBER: 08/464,590
PRIOR FILING DATE: 1995-06-05
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 26
LENGTH: 12
TYPE: DNA
ORGANISM: Homo sapiens

US-09-572-406B-26

Query Match 4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1344 GGAGACTTCCC 1355

Db 1 GGAGACTTCCC 12

RESULT 412

US-09-800-729-8
; Sequence 8, Application US/09800729
; Patent No. 6605592
; GENERAL INFORMATION:

; APPLICANT: Ni et al.
; TITLE OF INVENTION: 32 Human secreted proteins
; FILE REFERENCE: P2044P1
; CURRENT APPLICATION NUMBER: US/09/800,729
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: PCT/US00/26013
; PRIOR FILING DATE: 2000-09-22
; PRIOR APPLICATION NUMBER: 60/155,709
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 217
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 8
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-800-729-8

Query Match 4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1344 GGAGACTTCCC 1355

Db 1 GGAGACTTCCC 12

RESULT 413

US-09-557-170A-19
; Sequence 19, Application US/09557170A
; Patent No. 6605699
; GENERAL INFORMATION:

; APPLICANT: Ni et al.
; TITLE OF INVENTION: Galectin 11
; FILE REFERENCE: PP354P2
; CURRENT APPLICATION NUMBER: US/09/557,170A
; CURRENT FILING DATE: 2000-04-21
; PRIOR APPLICATION NUMBER: 09/109,864
; PRIOR FILING DATE: 1998-06-06
; PRIOR APPLICATION NUMBER: 09/010,146
; PRIOR FILING DATE: 1998-01-21
; PRIOR APPLICATION NUMBER: 60/034,205
; PRIOR FILING DATE: 1997-01-21
; PRIOR APPLICATION NUMBER: 60/034,204
; PRIOR FILING DATE: 1997-01-21
; PRIOR APPLICATION NUMBER: 60/169,932
; PRIOR FILING DATE: 1998-12-10
; PRIOR APPLICATION NUMBER: 60/130,390
; PRIOR FILING DATE: 1999-04-21
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 19
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-557-170A-19

Query Match 4.1%; Score 10.4; DB 1; Length 12;

Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1344 GGAGACTTCCC 1355

Db 1 GGAGACTTCCC 12

RESULT 414

US-09-369-248A-11
; Sequence 11, Application US/09369248A
; Patent No. 6620912
; GENERAL INFORMATION:

; APPLICANT: Young, Paul
; APPLICANT: Ruben, Steven M.
; TITLE OF INVENTION: Dendritic Enriched Secreted Lymphocyte Activation
; FILE REFERENCE: PF448P1
; CURRENT APPLICATION NUMBER: US/09/369,248A
; CURRENT FILING DATE: 1999-08-05
; PRIOR APPLICATION NUMBER: 60/073,962
; PRIOR FILING DATE: 1998-02-06
; PRIOR APPLICATION NUMBER: 60/078,572
; PRIOR FILING DATE: 1998-03-19
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 11
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-369-248A-11

Query Match 4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1344 GGAGACTTCCC 1355

Db 1 GGAGACTTCCC 12

RESULT 415

US-10-012-542-8
; Sequence 8, Application US/10012542
; Patent No. 6627741
; GENERAL INFORMATION:

; APPLICANT: Ruben et al.
; TITLE OF INVENTION: 94 Human Secreted Proteins
; FILE REFERENCE: P2029P1
; CURRENT APPLICATION NUMBER: US/10/012,542
; CURRENT FILING DATE: 2001-12-12
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/461,325
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-12-14
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/089,507
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/089,508
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/089,509
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/089,510
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/090,112
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/090,113
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-06-22
; NUMBER OF SEQ ID NOS: 532
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 8
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-012-542-8

Query Match 4.1%; Score 10.4; DB 1; Length 12;

Query Match 4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1344 GGAGACTTTCCC 1355
Db 1 GGGGACTTTCCC 12

RESULT 416
US-09-716-129-8
; Sequence 8, Application US/09716129
; Patent No. 6632920
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 36 Human Secreted Proteins
; FILE REFERENCE: P2025P1
; CURRENT FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: US/09/716,129
; PRIOR FILING DATE: 1998-02-26
; PRIOR APPLICATION NUMBER: 60/076,053
; PRIOR FILING DATE: 1998-02-26
; PRIOR APPLICATION NUMBER: 60/076,057
; PRIOR FILING DATE: 1998-02-26
; PRIOR APPLICATION NUMBER: 60/076,052
; PRIOR FILING DATE: 1998-02-26
; PRIOR APPLICATION NUMBER: 60/076,054
; PRIOR FILING DATE: 1998-02-26
; PRIOR APPLICATION NUMBER: 60/076,051
; PRIOR FILING DATE: 1998-02-26
; NUMBER OF SEQ ID NOS: 186
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-716-129-8

Query Match 4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1344 GGAGACTTTCCC 1355
Db 1 GGGGACTTTCCC 12

RESULT 417
US-08-466-699-4
; Sequence 4, Application US/08466699
; Patent No. 6638768
; GENERAL INFORMATION:
; APPLICANT: Le Mouellic, Hervé
; APPLICANT: Brulet, Philippe
; TITLE OF INVENTION: Procedure for Specific Replacement of a Copy
; TITLE OF INVENTION: of a Gene Present in the Recipient Genome by the Integration of
; TITLE OF INVENTION: Different From That Where the Integration is Made
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESS: Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/466,699
; FILING DATE: 06-JUN-1995

CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/301,037
; FILING DATE: 06-SEP-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/867,744
; FILING DATE: 13-APR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/598,679
; FILING DATE: 19-DEC-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/FR90/00185
; FILING DATE: 19-MAR-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 8903630
; FILING DATE: 20-MAR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Potter, Jane E.
; REGISTRATION NUMBER: 33,332
; REFERENCE/DOCKET NUMBER: 02356-0053-06000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-466-699-4

Query Match 4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1229 CCAGCATGTGCT 1240
Db 1 CCAGCATGAGCT 12

RESULT 418
US-10-153-064-30
; Sequence 30, Application US/10153064
; Patent No. 6663485
; GENERAL INFORMATION:
; APPLICANT: Bell et al.
; TITLE OF INVENTION: Chemokine Beta-1 Fusion Proteins
; FILE REFERENCE: PF556
; CURRENT APPLICATION NUMBER: US/10/153,064
; PRIOR FILING DATE: 2002-05-24
; PRIOR APPLICATION NUMBER: 60/293,212
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 137
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 30
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-153-064-30

Query Match 4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1344 GGAGACTTTCCC 1355
Db 1 GGGGACTTTCCC 12

RESULT 419
US-09-915-593-24

Sequence 24, Application US/09915593
Patent No. 6689607
GENERAL INFORMATION:
APPLICANT: Ni, Jian
TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor-Like Proteins
FILE REFERENCE: PF936P2
CURRENT APPLICATION NUMBER: US/09/915,593
CURRENT FILING DATE: 2001-07-27
PRIOR APPLICATION NUMBER: 60/121,577
PRIOR FILING DATE: 2000-07-28
PRIOR APPLICATION NUMBER: 09/512,363
PRIOR FILING DATE: 2000-02-23
PRIOR APPLICATION NUMBER: 60/144,076
PRIOR FILING DATE: 2000-07-16
PRIOR APPLICATION NUMBER: 60/134,172
PRIOR FILING DATE: 1999-05-13
PRIOR APPLICATION NUMBER: 60/121,648
PRIOR FILING DATE: 1999-02-24
PRIOR APPLICATION NUMBER: 09/176,200
PRIOR FILING DATE: 1998-10-21
PRIOR APPLICATION NUMBER: 60/063,212
PRIOR FILING DATE: 1997-10-21
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 24
LENGTH: 12
TYPE: DNA
ORGANISM: Homo sapiens
US-09-915-593-24

Query Match 4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1344 GGAGACTTTCCC 1355
DB 1 GGGGACTTTCCC 12

RESULT 420
US-10-115-123-8
Sequence 8, Application US/10115123
Patent No. 6774216
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: 94 Human Secreted Proteins
FILE REFERENCE: P029G30APID2
CURRENT APPLICATION NUMBER: US/10/115,123
CURRENT FILING DATE: 2002-04-04
PRIOR APPLICATION NUMBER: PCT/US99/13418
PRIOR FILING DATE: 1999-06-15
PRIOR APPLICATION NUMBER: 60/089,507
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089,508
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089,509
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089,510
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/090,112
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090,113
PRIOR FILING DATE: 1998-06-22
NUMBER OF SEQ ID NOS: 532
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 8
LENGTH: 12
TYPE: DNA
ORGANISM: Homo sapiens
US-10-115-123-8

Query Match 4.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1344 GGAGACTTTCCC 1355
DB 1 GGGGACTTTCCC 12

RESULT 421
US-08-353-476-3
Sequence 3, Application US/08353476
Patent No. 5871902
GENERAL INFORMATION:
APPLICANT: Weininger, Susan
APPLICANT: Weininger, Arthur M
TITLE OF INVENTION: METHOD OF DETECTION OF DNA WITH A
NUMBER OF SEQUENCES: 117
CORRESPONDENCE ADDRESS:
ADDRESSER: Saliwanchik & Saliwanchik
STREET: 2421 N.W. 41st St., Suite A-1
CITY: Gainesville
STATE: Florida
COUNTRY: USA
ZIP: 32606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/353,476
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Bencen, Gerard H
REGISTRATION NUMBER: 35,746
REFERENCE/DOCKET NUMBER: GP-100
TELECOMMUNICATION INFORMATION:
TELEPHONE: (904) 375-8100
TELEFAX: (904) 372-5800
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-353-476-3

Query Match 4.1%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 1.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1343 AGGAGACTTTC 1354
DB 1 AGGGGACTTTC 12

RESULT 422
US-08-913-833-19
Sequence 19, Application US/08913833
Patent No. 6087093
GENERAL INFORMATION:
APPLICANT: STUYVER, LIEVEN
APPLICANT: LOUWAGIE, JOOST
APPLICANT: ROSSAU, RUDI
TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED
MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE
NUMBER OF SEQUENCES: 164

```

CORRESPONDENCE ADDRESS:
ADDRESSEE: ARNOLD, WHITE & DURKEE
STREET: P.O. BOX 4433
CITY: HOUSTON
STATE: TEXAS
COUNTRY: USA
ZIP: 77210-4433
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word 6.0 / ASCII text output
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/913,833
FILING DATE: 15 Sep 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP97/00211
FILING DATE: 17 Jan 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 96870005.4
FILING DATE: 26 Jan 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 96870081.5
FILING DATE: 25 Jun 1996
ATTORNEY/AGENT INFORMATION:
NAME: KAMMERER, PATRICIA A.
REGISTRATION NUMBER: 29,775
REFERENCE/DOCKET NUMBER: INNS:008
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-913-833-19

Query Match      4.1%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 1.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1264 AGCTGGAAGAG 1275
Db       2 AGCTGGAAGAG 13

RESULT 423
US-09-336-228B-7
Sequence 7, Application US/09336228B
Patent No. 6214187
GENERAL INFORMATION:
APPLICANT: Hammond, Philip W.
APPLICANT: Boles, T. Christian
TITLE OF INVENTION: Denaturing Gradient Affinity
TITLE OF INVENTION: Electrophoresis and Methods of Use Thereof
FILE REFERENCE: MST98-02PA
CURRENT APPLICATION NUMBER: US/09/336,228B
CURRENT FILING DATE: 1999-06-18
PRIOR APPLICATION NUMBER: 60/089,788
PRIOR FILING DATE: 1998-06-18
NUMBER OF SEQ ID NOS: 11
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 7
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Synthetic construct
US-09-336-228B-7
Query Match      4.1%; Score 10.4; DB 1; Length 13;
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```

Best Local Similarity 91.7%; Pred. No. 1.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1254 CTGCAGCACCAG 1265
Db       2 CTGCAGCACCAG 13

RESULT 424
US-09-580-794C-19
Sequence 19, Application US/09580794C
Patent No. 6331389
GENERAL INFORMATION:
APPLICANT: Stuyver, Lieven
APPLICANT: Louwagie, Joost
APPLICANT: Rossau, Rudi
TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
FILE REFERENCE: INNS08--2
CURRENT APPLICATION NUMBER: US/09/580,794C
CURRENT FILING DATE: 2000-05-30
PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093
PRIOR FILING DATE: 1997-09-15
PRIOR APPLICATION NUMBER: PCT/EP 97/00211
PRIOR FILING DATE: 1997-01-17
PRIOR APPLICATION NUMBER: EP 96870005.4
PRIOR FILING DATE: 1996-01-26
PRIOR APPLICATION NUMBER: EP 96870081.5
PRIOR FILING DATE: 1996-06-25
NUMBER OF SEQ ID NOS: 164
SOFTWARE: PatentIn version 3.0
SEQ ID NO 19
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Synthetic Primer
US-09-580-794C-19

Query Match      4.1%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 1.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1264 AGCTGGAAGAG 1275
Db       2 AGCTGGAAGAG 13

RESULT 425
US-09-474-432B-92/C
Sequence 92, Application US/09474432B
Patent No. 6528640
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Burgin, Alex
APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka
APPLICANT: Sweedler, David
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot:
FILE REFERENCE: MBH00-831-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
PRIOR APPLICATION NUMBER: US 60/064,866
PRIOR FILING DATE: 1997-11-05
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR FILING DATE: 1999-04-28
```

NUMBER OF SEQ ID NOS: 1526
SOFTWARE: Patentin version 3.0
SEQ ID NO: 92
LENGTH: 13
TYPE: RNA
ORGANISM: Homo sapiens
US-09-474-432B-92

Query Match 4.1%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 1.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1238 GCTGCGAGTGGT 1249
Db 12 GCTGCGATTGGT 1

RESULT 426
US-09-772-315-7/c
Sequence 7, Application US/09772315
Patent No. 6559125
GENERAL INFORMATION:
APPLICANT: DERVAN, Peter
APPLICANT: WURTZ, Nicholas
APPLICANT: CHANG, Aileen
TITLE OF INVENTION: POLYAMIDE-ALKYLATOR CONJUGATES & RELATED PRODUCTS & METHODS
FILE REFERENCE: GENESORT09/772315
CURRENT APPLICATION NUMBER: US/09/772.315
CURRENT FILING DATE: 2001-01-26
NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin version 3.0
SEQ ID NO: 7
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Description of Artificial Sequence: Polyamide-Alkylator
US-09-772-315-7

Query Match 4.1%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 1.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1375 AGAAGCAGCTGC 1386
Db 13 ATAGCAGCTGC 2

RESULT 427
US-08-407-620A-27.
Sequence 27, Application US/08407620A
Patent No. 6569430
GENERAL INFORMATION:
APPLICANT: WALDMANN, HERMAN
APPLICANT: CLARK, MICHAEL R.
APPLICANT: WINTER, GREGORY P.
APPLICANT: RIECHMANN, LUTZ
TITLE OF INVENTION: ANTIBODIES
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHAYE P.C.
STREET: 1100 NORTH GLEBE ROAD, 8TH FLOOR
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4774
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/407,620A
FILING DATE: 21-MAR-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/235,705
FILING DATE: 29-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/099,480
FILING DATE: 30-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/921,601
FILING DATE: 03-AUG-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/424,233
FILING DATE: 12-OCT-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 88036228
FILING DATE: 12-FEB-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 8804464
FILING DATE: 25-FEB-1988
ATTORNEY/AGENT INFORMATION:
NAME: MITCHARD, LEONARD C.
REGISTRATION NUMBER: 29,009
REFERENCE/DOCKET NUMBER: 604-325
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000
TELEFAX: (703) 816-4100
TELEX: 200797 NIXN UR
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-407-620A-27

Query Match 4.1%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 1.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1255 TGCAGCAACAGC 1266
Db 1 TGCAGCATCAGC 12

RESULT 428
US-09-476-387-92/c
Sequence 92, Application US/09476387
Patent No. 6617438
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Beaudry, Amber
APPLICANT: Karpelesky, Alex
APPLICANT: Adamic, Jasenka Matulic
APPLICANT: Sweedler, Dave
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot.
FILE REFERENCE: M8H80-831-C (249/073)
CURRENT APPLICATION NUMBER: US/09/476,387
CURRENT FILING DATE: 2001-04-04
PRIOR APPLICATION NUMBER: 09/474,432
PRIOR FILING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301,511
PRIOR FILING DATE: 1999-04-28
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/064,866

;; PRIOR FILING DATE: 1997-11-05
;; NUMBER OF SEQ ID NOS: 1524
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 92
;; LENGTH: 13
;; TYPE: RNA
;; ORGANISM: Homo sapiens
US-09-476-387-92

Query Match 4.1%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 1.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1238 GCTGGCAGTGGT 1249
Db 12 GCTGGCATTGGT 1

RESULT 429
US-09-943-983C-19
; Sequence 19, Application US/09943983C
; Patent No. 6713251
; GENERAL INFORMATION:
; APPLICANT: Stuyver, Lieven
; APPLICANT: Louwagie, Joost
; APPLICANT: Rossau, Rudi
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
; TITLE OF INVENTION: TRANSCRIPTASE GENE
; FILE REFERENCE: 11362.0008.DTUS02 (INNS008--3)
; CURRENT APPLICATION NUMBER: US/09/943,983C
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: US 09/580,794
; PRIOR FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093
; PRIOR FILING DATE: 1997-09-15
; PRIOR APPLICATION NUMBER: PCT/EP 97/00211
; PRIOR FILING DATE: 1997-01-17
; PRIOR APPLICATION NUMBER: EP 96870005.4
; PRIOR FILING DATE: 1996-01-26
; PRIOR APPLICATION NUMBER: EP 96870081.5
; PRIOR FILING DATE: 1996-06-25
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 19
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-943-983C-19

Query Match 4.1%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 1.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1264 AGCTGGAAGAGG 1275
Db 2 AGCTGGAAGAGG 13

RESULT 430
US-08-722-001-32
; Sequence 32, Application US/08722001
; Patent No. 5760054
; GENERAL INFORMATION:
; APPLICANT: Thompson, Wayne J.
; APPLICANT: Huff, Joel R.
; APPLICANT: Nerenberg, Jennie B.
; APPLICANT: Lee, Hee-Yoon
; APPLICANT: Bell, Ian M.
; TITLE OF INVENTION: ALPHALIC ADRENERGIC RECEPTOR ANTAGONISTS
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:

;; ADDRESSEE: Merck & Co., Inc.
;; STREET: 126 Lincoln Avenue
;; CITY: Rahway
;; STATE: New Jersey
;; COUNTRY: United States of America
;; ZIP: 07065
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/722,001
;; FILING DATE:
;; CLASSIFICATION: 514
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/229,276
;; FILING DATE: 14-APR-1995
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Appollina, Mary A.
;; REGISTRATION NUMBER: 34,087
;; REFERENCE/DOCKET NUMBER: 19169Y
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (908)594-3462
;; TELEFAX: (908)594-4720
;; TELEX: 138825
;; INFORMATION FOR SEQ ID NO: 32:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 14 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: both
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
;; HYPOTHEetical: NO
;; ANTI-SENSE: NO
US-08-722-001-32

Query Match 4.1%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1287 GACCCTCAGGGT 1298
Db 2 GATCCTCAGGGT 13

RESULT 431
US-08-985-162-1800
; Sequence 1800, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0


```

: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/985,162
: FILING DATE: 04 December 1997
: CLASSIFICATION: 514
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 60/036,476
: FILING DATE: 31 January 1997
: ATTORNEY/AGENT INFORMATION:
: NAME: Waiburg, Richard J.
: REGISTRATION NUMBER: 32,327
: REFERENCE/DOCKET NUMBER: 230/107
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (213) 489-1600
: TELEFAX: (213) 955-0440
: TELETYPE: 67-3510
: INFORMATION FOR SEQ ID NO: 1800:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 14 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
:
: US-08-985-162-1800
:
Query Match          4.1% Score 10.4; DB 1; Length 14;
Best Local Similarity 83.3%; Pred. No. 1.9e+02;
Matches 10; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      1261 AACAGCTGGAG 1272
Db      2 AACAGCTGGAG 13

RESULT 432
US-09-275-850-23
: Sequence 23, Application US/09275850A
: Patent No. 6261774
: GENERAL INFORMATION:
: APPLICANT: Pagracis, Nikos
: APPLICANT: Gold, Larry
: APPLICANT: Sheatland, Timur
: APPLICANT: Javornik, Brenda
: TITLE OF INVENTION: Truncation SELEX Method
: FILE REFERENCE: NEX 79
: CURRENT APPLICATION NUMBER: US/09/275,850A
: CURRENT FILING DATE: 1999-03-24
: NUMBER OF SEQ ID NOS: 351
: SOFTWARE: Patentin Ver. 2.0
: SEQ ID NO 23
: LENGTH: 14
: TYPE: RNA
: ORGANISM: E. coli
:
: US-09-275-850-23
:
Query Match          4.1% Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1257 CAGCAACAGCTG 1268
Db      3 CAGCAACAGCTG 14

RESULT 433
US-09-475-947A-278
: Sequence 278, Application US/09475947A
: Patent No. 6472154
: GENERAL INFORMATION:
: APPLICANT: Garner, Harold R.
: APPLICANT: Wren, Jonathan D.
: APPLICANT: Minna, John D.
: TITLE OF INVENTION: Polymorphic Repeats in Human Genes
: FILE REFERENCE: UTS00667
: CURRENT APPLICATION NUMBER: US/09/475,947A
```

```

: CURRENT FILING DATE: 1999-12-31
: NUMBER OF SEQ ID NOS: 346
: SOFTWARE: Patentin Ver. 2.1
: SEQ ID NO 278
: LENGTH: 14
: TYPE: DNA
: ORGANISM: human
:
: US-09-475-947A-278
:
Query Match          4.1% Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1235 TGTGCTGGCAGT 1246
Db      2 TGTGCTGGCAGT 13

RESULT 434
US-08-301-037-1
: Sequence 1, Application US/08301037
: Patent No. 6528313
: GENERAL INFORMATION:
: APPLICANT: Le Mouellic, Hervé
: APPLICANT: Brulet, Philippe
: TITLE OF INVENTION: Procedure for Specific Replacement of a Copy of a
: Gene Present in the Recipient Genome by the Integration of a
: That Where the Integration is Made
:
: NUMBER OF SEQUENCES: 17
: CORRESPONDENCE ADDRESSES:
: ADDRESSSEE: Flanagan, Henderson, Farabow, Garrett &
: Dunner
: STREET: 1300 I Street, N.W.
: CITY: Washington
: STATE: D.C.
: COUNTRY: USA
: ZIP: 20005-3315
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/301,037
: FILING DATE: 06-Sep-1994
: CLASSIFICATION: <Unknown>
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/301,037
: FILING DATE: 06-SEP-1994
: APPLICATION NUMBER: US 07/867,744
: FILING DATE: 13-APR-1992
: APPLICATION NUMBER: US 07/598,679
: FILING DATE: 19-DEC-1990
: APPLICATION NUMBER: WO PCT/FR90/00185
: FILING DATE: 19-MAR-1990
: APPLICATION NUMBER: FR 8903630
: FILING DATE: 20-MAR-1989
: ATTORNEY/AGENT INFORMATION:
: NAME: Poter, Jane E.
: REGISTRATION NUMBER: 33,332
: REFERENCE/DOCKET NUMBER: 02356-0053-06000
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 202-408-4000
: TELEFAX: 202-408-4400
: INFORMATION FOR SEQ ID NO: 1:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 14 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: double
: TOPOLOGY: linear
: MOLECULE TYPE: DNA (genomic)
: SEQUENCE DESCRIPTION: SEQ ID NO: 1:
:
: US-08-301-037-1
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Query Match 4.1%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1229 CCAGCATGTGCT 1240
|||||
Db 1 CCAGCATGTGCT 12

RESULT 435
US-08-466-539-1
; Sequence 1, Application US/08466539
; Patent No. 6528314
; GENERAL INFORMATION:
; APPLICANT: Le Mouellic, Hervé
; APPLICANT: Brulet, Philippe
; TITLE OF INVENTION: Procedure for Specific Replacement
; TITLE OF INVENTION: of a Copy of a Gene Present in the Recipient Genome by the
; TITLE OF INVENTION: Integration of a Gene Different From That Where the Integratio
; TITLE OF INVENTION: is Made
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/466,539
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/301,037
; FILING DATE: 06-SEP-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/867,744
; FILING DATE: 13-APR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/598,679
; FILING DATE: 19-DEC-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/FR90/00185
; FILING DATE: 19-MAR-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 8903630
; FILING DATE: 20-MAR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Poter, Jane E.
; REGISTRATION NUMBER: 33,332
; REFERENCE/DOCKET NUMBER: 02356-0053-05000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-466-539-1

Query Match 4.1%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 1.9e+02;

Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1229 CCAGCATGTGCT 1240
|||||
Db 1 CCAGCATGTGCT 12

RESULT 436
US-09-401-063-1800
; Sequence 1800, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1800:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-1800

Query Match 4.1%; Score 10.4; DB 1; Length 14;
Best Local Similarity 83.3%; Pred. No. 1.9e+02;
Matches 10; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1261 AACAGCTGAG 1272
|||||
Db 2 AACAGCTGAG 13

RESULT 437
US-09-874-601-3/C
; Sequence 3, Application US/09874601
; Patent No. 6632057
; GENERAL INFORMATION:

APPLICANT: LEWIN, ALFRED S.
APPLICANT: SHAW, LYNN C.
APPLICANT: GRANT, MARIA B.
TITLE OF INVENTION: ADENO-ASSOCIATED VIRUS-DELIVERED RIBOZYME COMPOSITIONS AND METHOD
FILE REFERENCE: 4300,014100
CURRENT APPLICATION NUMBER: US/09/874,601
PRIOR FILING DATE: 2001-05-01
PRIOR APPLICATION NUMBER: 09/063,667
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/046,147
PRIOR FILING DATE: 1997-05-09
PRIOR APPLICATION NUMBER: 60/044,492
PRIOR FILING DATE: 1997-04-21
NUMBER OF SEQ ID NOS: 182
SOFTWARE: Patentin version 3.0
SEQ ID NO: 3
LENGTH: 14
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc.feature
LOCATION: (1..1)
OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE
US-09-874-601-3

Query Match 4.1%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1269 GAAGAGCTGAG 1280
Db 13 GAAGAGCTGCTG 2

RESULT 438
US-08-466-699-1
Sequence 1, Application US/08466699
Patent No. 6638768
GENERAL INFORMATION:
APPLICANT: Le Mouellic, Hervé
APPLICANT: Brulet, Philippe
TITLE OF INVENTION: Procedure for Specific Replacement of a Copy
TITLE OF INVENTION: of a Gene Present in the Recipient Genome by the Integration of
TITLE OF INVENTION: Different From That Where the Integration is Made
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farbow, Garrett &
ADDRESSEE: Dunner
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/466,699
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/301,037
FILING DATE: 06-SEP-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/867,744
FILING DATE: 13-APR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/598,679
FILING DATE: 19-DEC-1990

PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/FR90/00185
FILING DATE: 19-MAR-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 8903630
FILING DATE: 20-MAR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Potter, Jane E.
REGISTRATION NUMBER: 33,332
REFERENCE/DOCKET NUMBER: 02356-0053-06000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4400
TELEFAX: 202-408-4400
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-466-699-1

Query Match 4.1%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1229 CCAGCATGTGCT 1240
Db 1 CCAGCATGTGCT 12

Search completed: December 6, 2004, 18:18:19
Job time : 3 secs

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